

81452

FILED FOR RECORD

December 31 1863
at 31 minutes past 11 o'clock
A. M.

ANNA QUIGLEY

County Recorder

By *David McCarty*

Deputy

File No. _____

T. 5 N. R. 11 W.

DUPLICATE

County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

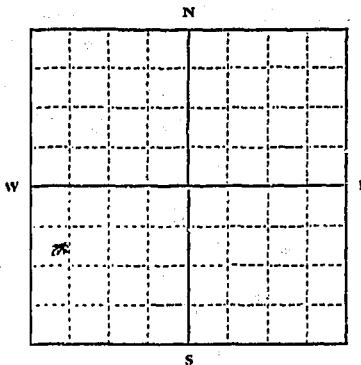
RECEIVED

Declaration of Vested Groundwater Rights MAY 27 1964

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. George H. Henderson of Anaconda (Black Valley)
(Name of Appropriator) (Address) (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



W 1/4 Sec. 22, T. 5 N. R. 11 W.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Drilled well for domestic use
3. Date or approximate date of earliest beneficial use; and how continuing the use has been Not used. Drilled this well for water supply for new home. Did not build home.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 to 10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal proposed electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
8. The depth of water table 6' to 8'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 5.5' in depth 6" casing
10. The estimated amount of groundwater withdrawn each year not applicable
11. The log of formations encountered in the drilling of each well if available 6' to 10' overburden; then fairly soft limestone for about 20'; this belongs in apparent conglomerated water came in at about 40' - 45'
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not known

Signature of Owner

George H. Henderson
Date Dec. 31 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

38129

81451

FILED FOR RECORD

December 31 1963

at 31 minutes past 11 o'clock

A M ANNA OUTGLEY

County Recorder

By Lawl McLarty

Deputy

2.00

File No.

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

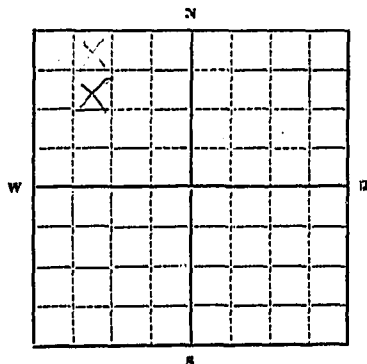
County Deer LodgeRECEIVED
JAN 3 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. O. W. Miller, of Box 7, Cable Road Anaconda,
(Name of Appropriator) (Address) (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N. W. 1/4 Sec. 29 T. 11 R. 11

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based House hold use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1936

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 12 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric jet pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1936

8. The depth of water table 81 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6" pipe

10. The estimated amount of groundwater withdrawn each year approximately 90 gals per day

11. The log of formations encountered in the drilling of each well if available clay & sand at bottom

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner O. W. MillerDate 12-27-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quaduplicate for the Appropriator.

18877

81281

FILED FOR RECORD

December 19 1968
at 14 minutes past 2:00 o'clock
P.M.

ANNA QUIGLEY

County Recorder

by Mary Morrison
Deputy

RECEIVED
AUG 25 1960

T. 5N R. 11W

County: Deer Lodge

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Elmer Brooks Address:

Driller: C. Z. Wroble Address: P.O. Box 170

Annaconda, Mont.

Date Started: July 29 1960 Date Completed: July 29 1960

Location: Sec. 29 T. 5N R. 11W 1/4 sec. SE4

Type of well: Drilled Equipment used: Churn drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other:

Casing: Surface ft. to 37 ft. Type: Standard Size: 6 in.

Casing: ft. to ft. Type: Size:

Casing: ft. to ft. Type: Size:

Perforated or Screened: Ft. to ft. Ft. to ft.

Type of screen or perforations:

Static Water level, for non-flowing well: 14 feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level: 28 feet at 20 gal. per min.

How tested: Packed

Length of test: 2 h.m.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

RECEIVED
AUG 25 1960

29

T. 5N R. 11W

County: Deer Lodge

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Cliff Brooks Address:

Driller: C. P. Wreble Address: P.O. Box 170

Anaconda, Mont.

Date Started: July 29 1960 Date Completed: July 29 1960

Location: Sec. 22 T. 5N R. 11W 1/4 sec. SE1

Type of well: Drilled Equipment used: Chain drill
(Dug, driven, bored, or drilled) (Chain drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other:

Casing: Surface ft. to 37 ft. Type: Standard Size: 6"

Casing: ft. to ft. Type: Size:

Casing: ft. to ft. Type: Size:

Perforated or Screened: Ft. to ft. Ft. to ft.

Type of screen or perforations:

Static Water level, for non-flowing well: 14 feet

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level: 25 feet at 50 gal. per min.

How tested: Bailers

Length of test: 2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

[illegible]

File No. _____

DUPLICATE

T. 5N R. 11W

County Deer Lodge

JAN 9 1964

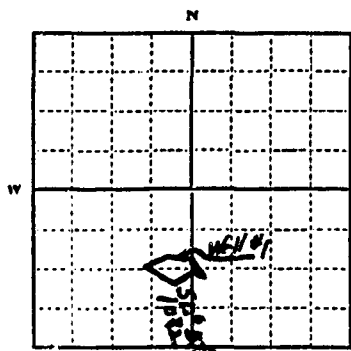
ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John A. Grant, of Cable Road, Anaconda
(Name of Appropriator) (Address) (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 29 T5N R11W

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Household and domestic needs
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1930 - continuous. Replaced & located well established 1870
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof LAWN SERVICE ONLY
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric driven deep well jet pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Summer 1930
8. The depth of water table Variable Max. 32' - Min. coincident with Spring Run off.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Deep well. Monolithic concrete lined 36" inside diameter.
10. The estimated amount of groundwater withdrawn each year 50,000 gallons per year
11. The log of formations encountered in the drilling of each well if available Poorly sorted fine gravel sand and minor clay, gulf shell. Water on top of rift bed rock.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None known

Signature of Owner

John A. Grant
Date Dec 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

28747

81420

81420

FILED FOR RECORD

December 31 1963

at 57 minutes past 10 o'clock

M. ANNA QUIGLEY

County Registrar
David McQuigley
Deputy

File No. _____

DUPLICATE

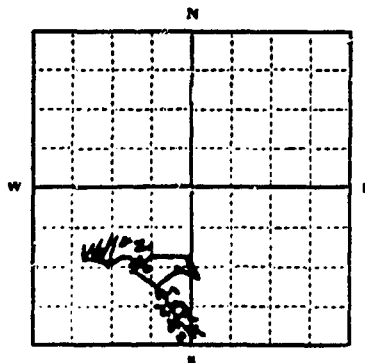
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 5N. R. 11W.
County Deer Lodge
JAN 9 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John A. Grant (Name of Appropriator), of Cable Road, Anaconda (Address) (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 SW Sec. 29 T. 5N. R. 11W.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Supplement to certain surface water rights
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1943. Summer use only
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 60 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Meadow and garden 2 acres. Owner John A. Grant
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Hand dug pump, gasoline driven, shallow well
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Summer and Fall 1943
8. The depth of water table 10 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Dug well 4x6 timber cribbed, 10 feet deep, 16" steel casing sunk 6 feet in bottom
10. The estimated amount of groundwater withdrawn each year 2,500,000 gals
11. The log of formations encountered in the drilling of each well if available 116 sorted fine gravel sand and clay. Alluvial fan near toe
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None known

Signature of Owner John A. Grant

Date Dec. 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

28746

31419

FILED FOR RECORD

December 31 1963
at 58 minutes past 10 o'clock
A.M.

NOTAR PUBLIC

Paul Mc Carthy
Notary Public
Date

File No. _____

T. 5N R. 11W

DUPLICATE

LOG

MONTANA WATER RESOURCES BOARD

RECEIVED

OCT 21 1969

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERCounty Deer Lodge

R.D. 10

Top of Ground

(Elev. above sea level.....)

10

0-7 Black dirt

20

7-28 gravel, some clay

30

28-43 Water, sand & gravel

40

43-50 WATER bed rock

50

**Notice of Completion of Groundwater
Appropriation by Means of Well**

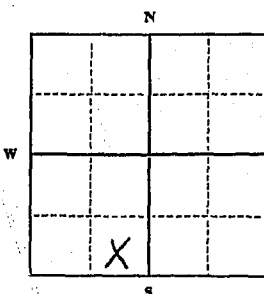
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner John Grant Address Anaconda, MontanaDriller O'Keefe Drilling Co. Address Butte, MontanaDate of Notice of appropriation of groundwater June 10, 1969Date well started May 5, 1969 Date completed May 6, 1969Type of well drilled Equipment used churn drill
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☒
Industrial ☐ Drainage ☐ Other ☐

Indicate the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" I.D. 17 lb.	0'	48'	cutting torch	45'	50'

Static Water Level for non-flowing well
.....10.....feet.

Shut-in Pressure for Flowing Well.....feet

Pumping Water Level.....40.....feet

at.....150.....gal. per minute.

Discharge in gal. per min. of flowing well

How Tested compressor

Length of Test.....4 1/2 Hours

Remarks: (Gravel packing, cementing, packers, type of shutoff).....

SE 1/4 Sec. 29, T. 5N R. 11W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Eight
Driller's License NumberEmmett O'Keefe
Driller's Signature

45749

The graph shows a curve representing the relationship between A and x . The vertical axis is labeled A and the horizontal axis is labeled x . The curve starts at a high value of A for small x , decreases sharply, and then levels off to a constant value of A as x increases.

... (Tenthredinidae) ...

[illegible]

SECRET

92487

FILED FOR RECORD

October 17 1969
at 45 minutes past 11 o'clock
a M

HELEN L. LOVELL
County Recorder
By *Mary Bar.*
Deputy

L8796 #

File No. _____

T. 5 R. 11

DUPLICATE

County _____

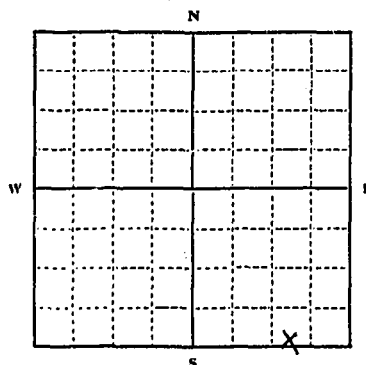
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Dewey & Norma Hodgson, of Cable Road Anasconda
(Name of Appropriator) (Address) (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE $\frac{1}{4}$ Sec. 29 T. 5N R. 11W

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. April 27, 1960
continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) average for household
uses 300 gallons a day approx.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
none

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
electric pump
one well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. unknown

8. The depth of water table. unknown

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
drone well
80 feet

10. The estimated amount of groundwater withdrawn each year. 108,000 gallons

11. The log of formations encountered in the drilling of each well if available. unknown

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. unknown

Dewey Hodgson
Signature of Owner Norma Hodgson
Date Dec 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

81306

FILED FOR RECORD

December 31, 1963

at 05 minutes past 9:00 o'clock

A.M.

AGNA QUIGLEY

County Recorder

Carol McCarthy

Deputy

GW -

Approved Stock Form—State Publishing Co., Helena, Montana—4234

File No. _____

T. 5N R. 11W

DUPLICATE

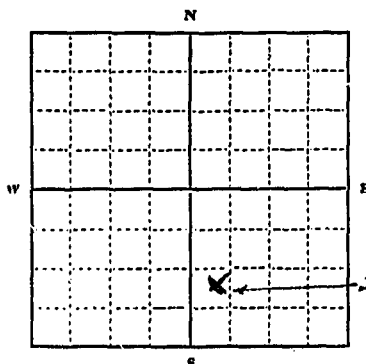
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

County Deer Lodge
RECEIVED
JAN 14 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Pete Jovanovich, of West Valley, Anaconda
(Name of Appropriator) (Address) (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 29 T. 5 R. 11

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Horsehold
a lawn use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1960

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Unlimited

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
one well for irrigating approx.
1/2 Acre

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Test Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1960

8. The depth of water table Unlimited

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6" casing 3" casing
50' deep 30' deep

10. The estimated amount of groundwater withdrawn each year Unlimited

11. The log of formations encountered in the drilling of each well if available Unlimited

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Pete Jovanovich

Date 1-11-64

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

32154

81614

FILED FOR RECORD

January 9 1964
at 35 minutes past 9 o'clock
A.M.

SINIA QUIGLEY

County Recorder
By Paul Mc Carthy
Deputy

File No. _____

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

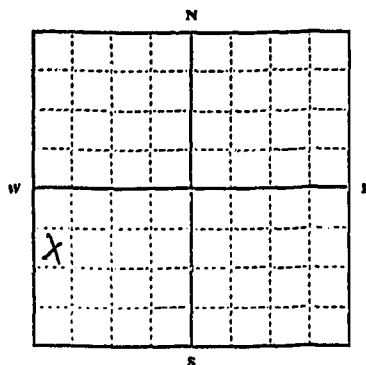
T. 5 R. 11
County Beaverhead
RECEIVED
JAN 9 1964

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Shirley Y. Jorgensen, of Castle Road Andover
(Name of Appropriator) (Address) (Town)

County of Beaverhead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 29 T. 5 N. R. 11 W

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based domestic and garden purposes

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1951 - 1964

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
25' by 15'
Shirley Y. Jorgensen

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric pump, the well is located outside

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1951 and 1951

8. The depth of water table 83 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
a drilled well with 4" casing

10. The estimated amount of groundwater withdrawn each year 90,000 gallons

11. The log of formations encountered in the drilling of each well if available not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Unknown

Signature of Owner Shirley Y. Jorgensen

Date 12/3/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

28698

81371

FILED FOR RECORD

December 31 1963
at 10 minutes past 10 o'clock
A.M.

ANNA QUIGLEY

Carol McKeathly
County Recorder
Deputy

GW 3 Revised 1969
191-1500-10/69

99764

5N-11W
RECEIVED
County Deer Lodge
9 10 0

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961, as amended)

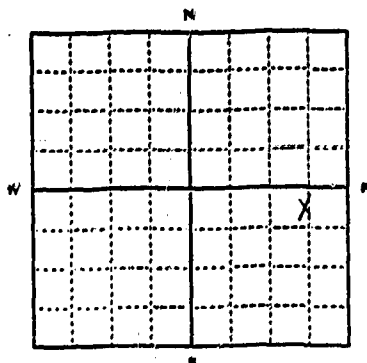
This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File 99764
6-29-73
GW 1 3:45 p.m.



N 1/4 S 1/4 Sec 24
T. 5 N R. 11 E
S W

INDICATE POINT OF APPROPRIATION
AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or esti-

mated _____

Owner Pete Jovanovich

Address West Valley

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____

1. Describe means of obtaining groundwater (as by sub-irrigation,
developed spring, drains, etc.) drainage

Spring

2. Means of withdrawing water (gravity, pump, canal, etc.) _____

gravity

3. Depth of water table _____

4. Use of the water Irrigation

5. Amount of groundwater claimed (in miner's inches or gallons
per minute) all drainage

6. If used for irrigation, give number of acres and description
of land 4 acres

7. Estimate amount of water used each year _____

all drainage

8. Months of year spring flows April thru

Sept

Signature of Owner Pete Jovanovich

Date 6-29-73

55855

99764

THIS DOCUMENT CONTAINS INFORMATION OF INTEREST TO THE
PUBLIC AND IS BEING RELEASED TO THE PUBLIC
DATE 11/11/73 BY SP-5 JMS/STP

-99764

FILED FOR RECORD

at June 29 1973
at 45 minutes past 3 o'clock

By M HELEN L. LOVELL

County Recorder

By Marian R. Steyer
Deputy

200

01

Approved Stock Form—State Publishing Co., Helena, Montana—4714

File No. _____

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

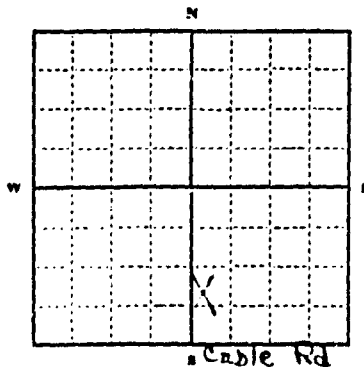
T. 5 N. R. 11 W.
County Deer Lodge
RECEIVED
JAN 9 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Michael M. Jean Boshesky, of N. Cable Rd. Anaconda
(Name of Appropriator) (Address) (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 4 SE 4, Sec. 49 T. 5 N. R. 11

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 1959
Daily Household use

4. The amount of groundwater claimed (in cubic inches or gallons per minute) 12 gal. per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric Deep Well Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May - 1959

8. The depth of water table 37 Feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.

Driven Well - 2 inch Pipe - 37 Feet deep

10. The estimated amount of groundwater withdrawn each year About - 27,375 gallons

11. The log of formations encountered in the drilling of each well if available None

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

See Record

Signature of Owner Michael M. Jean Boshesky

Date Dec. 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

25793

81473

FILED FOR RECORD

DEC 31 1963
at 55 minutes past 11 o'clock
P.M. ANNA QUIGLEY

Mary McConne

File No. JUN 15 1967

88726

T 34 R 21 W 29

DUPLICATE

Subsidiary _____
County LOG
Dedication Sullivan
Top of Ground _____

County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Earl J. Wilson Address Anaconda, Mont.
Larry McLane Rte. 1, Millcreek
Driller C. F. Woble Address Anaconda, Mont.

31 ft. Decomposed
granite, sand,
gravel

Date of Notice of appropriation of groundwater _____
Date well started October 12, 1950 completed October 28, 1950

Type of well Drilled Equipment used Churn Drill
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

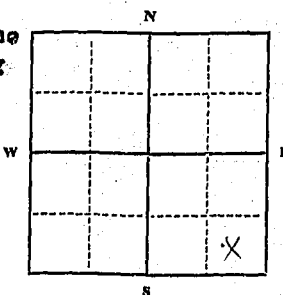
Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

80 ft. Intermittent
gravel, clay

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
4"	4" 10 lbs. per ft.					

67 ft. Bedrock,
Fractured lime
Water bearing
Total depth



Static Water Level for non-flowing well
_____ 27 _____ feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level _____ 55 _____ feet
at _____ 12 _____ gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Baled

Length of Test 3 hrs.

Remarks: (Gravel packing, cementing, pack-
ers, type of shutoff) _____

SE 1/4 Sec. 29, T. 5N, R. 11W
Indicate location of well and
place of use, if possible. Each
small square represents 40
acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state
number of acres and location or other data (i.e.: Lot, Block and Addi-
tion).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the
County Clerk and Recorder in the county in which the well is located, tissue copy to be
retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be
returned.

62

Driller's License Number

C. F. Woble
Driller's Signature.

GW 2

MONTANA WATER RESOURCES STOCK FORM—State Publishing Co., Helena, Montana—4329

File No.

16

RECEIVED

NOV 29 1971

T 31

R 11W

29

DUPLICATE

County

Deer Lodge

LOG

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level) 5280)

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Thomas Malloy Address 704 Cherry AnacondaDriller R Mead Address Box 139 Ana

Date of Notice of appropriation of groundwater

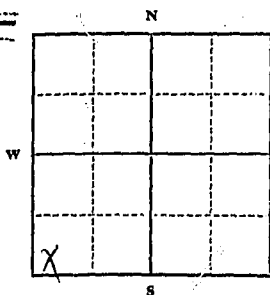
Date well started 11/12/71 Date completed 11/20/71Type of well drilled Equipment used Churn drill
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	1618 0	0	25	Cutting torch	1 to 4 ft	

Doc. No. 96472

Filed for record

this 23 day of NovA. D. 19 71, at 4:00o'clock P. M.

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 40 feet

Shut-in Pressure for Flowing Well

Pumping Water Level 20 feetat 10 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested BarredLength of Test 1 hr

Remarks: (Gravel packing, cementing, packers, type of cutoff)

Not Applicable

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Not Applicable85 ft
Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Driller's Signature

49475

96472

RECEIVED

FOR

NOV 23 1971

RECEIVED

NOV 23 1971

OFFICE OF THE CLERK OF SUPERIOR COURT
COUNTY OF HENRY
RECEIVED

RECEIVED

OFFICE OF THE CLERK OF SUPERIOR COURT
COUNTY OF HENRY
RECEIVED

OFFICE OF THE CLERK OF SUPERIOR COURT
COUNTY OF HENRY
RECEIVED

OFFICE OF THE CLERK OF SUPERIOR COURT
COUNTY OF HENRY
RECEIVED

FILED FOR RECORD

November 23 1971
at 45 minutes past 4 o'clock
P M

HELEN L. LOVELE

County Recorder

By Mary Chas
Deputy

400

RECORDED
14 1957

T. 5 N R. 11 W 29
County, Deer Lodge

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner A. L. Manning Address Anaconda, Mont
Driller C. F. Wroble Address Anaconda, Mont
Date Started June 1st 1955 Date Completed June 6, 1955
Location: Sec. 29 T. 5 N R. 11 W $\frac{1}{4}$ sec.

Type of well Drilled Equipment used Churn Drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: 7 ft. to 54 ft. Type Common thick Size 6"

Casing: 54 ft. to 67 ft. Type Common thick Size 5"

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations _____

Static Water level, for non-flowing well: _____ 5.5 feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level _____ 61 feet at _____ 9 gal. per min.

How tested: Bailer Tested

Length of test 2 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible]

Surface	39ft	Decomposed granite sand & clay
39	54ft	Sand, Clay & shale rock
54	127ft	Limestone (water bearing)

29

T. 5N R. 11W

County Deer Lodge

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUL 19 1901

STATE ENGINEER

WATER WELL LOG

Owner Milton T. Rubert Address 1 1/2 Miles West of City Limits
on Old Cable Road, Anaconda,
Montana

Driller J. F. Wright Address Mill Creek RR # 1

Anaconda, Montana

Date Started July 14 1901 Date Completed July 14 1901

Location: Sec. 29 T. 5N R. 11W 1/4 Sec. 34 of 36

Type of well drilled (aug. driven, bored, or drilled) Equipment used Charnell
(Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: Surface ft. to 14' ft. Type Standard Size 4"

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations _____

Static Water level, for non-flowing well: 32' feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level 25' feet at 10 gal. per min.

How tested: Wailer

Length of test 1 1/2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible]

4'	30'	Gravel and shale. Silty clay mix.
----	-----	-----------------------------------

30'	34'	San. and gravel.
-----	-----	------------------

29

T. 5N. R. 11W.

County Deer Lodge

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
DEC 1 1961

WATER WELL LOG

STATE ENGINEER
1 1/2 Miles West of City
Old Cable Road

Owner Milton Thomas Rubart Address Anaconda, Montana

Driller C.F. Wroble Address Mill Creek RFD # 1
Anaconda Montana

Date Started July 14 1961 Date Completed July 14 1961
Well Cont. Nov. 13 1961 Nov. 14 1961

Location: Sec. 29 T. 5N. R. 11W. 1/4 sec. S2 of SE1

Type of well Drilled Equipment used Churn drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: Surface ft. to 42 ft. Type Standard Size 6"

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. 32' to ft. 37' Ft. _____ to ft. _____

Type of screen or perforations 3/8"x 1 1/2" outs

Static Water level, for non-flowing well: 22 feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level: 31' feet at 15 gal. per min.

How tested: Bailed

Length of test: 1 1/2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible][illegible]

RECEIVED
AUG 26 1957

T 5 N R 11 W

County Deer Lodge

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

		X

Owner Gerald Sturm Address Star Rte. - Bozse
Anacosta, Montana

Driller C. F. Wroble Address Mill Creek, Montana

Date Started July 10, 1955 Date Completed July 21, 1955

Location: Sec. 29 T. 5 N R. 11 W sec. SE

Type of well Drilled Equipment used Churn drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other: _____

Casing: 5 ft. to 65 ft. Type Iron Size 4 inch

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations: _____

Static Water level, for non-flowing well: 32 feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level 32 feet at 5 gal. per min.

How tested: Pumped when drilled

Length of test 2 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible][illegible]

File No. _____

DUPLICATE

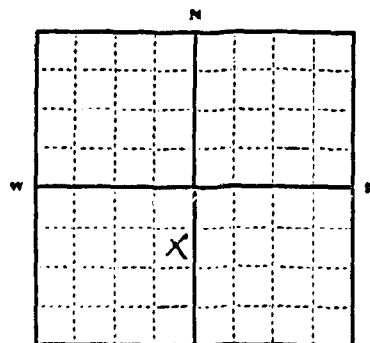
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. SNR 11/4
County Deer Lodge
JAN 9 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Charles F. Allen, of #12 Fairview Anaconda
(Name of Appropriator) (Address) (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



3 Acres Fairview

N 1/4 Sec. 30 T. 5N. R. 11
Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based House hold
USR irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Sept. 1957
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gal. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
14.555
Charles F. Allen
Approx. 3 miles west of Anaconda
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Well on east end of house, electric
water pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Sept. 25, 1957 commencement
Sept. 25, 1957 completed
8. The depth of water table 27 Ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
4 inch steel casing drilled down 22 Ft.
with about 15 ft. of water in casing. Top of casing
is at base of T & F bench.
10. The estimated amount of groundwater withdrawn each year 30,000 gal.
11. The log of formations encountered in the drilling of such well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Charles F. AllenDate 12-29-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

28741

81414

FILED FOR RECORD

December 1963
at 53 minutes past 10 o'clock
A.M. ANNA QUIGLEY

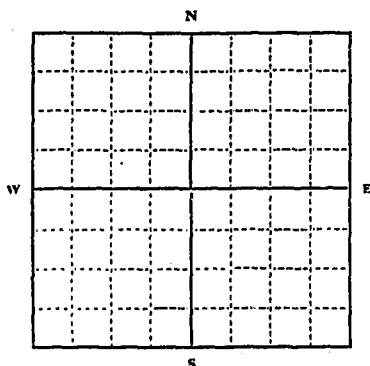
My Receives
Deputy

File No. _____

DUPLICATE

T. S. R. 11
County BlaineSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERDeclaration of Vested Groundwater Rights **JAN 2 1964**

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
STATE ENGINEER1. Charles Grentzen, Owner, of North Side Cable Road Amesconda
(Name of Appropriator) (Address) (Town)
County of Blaine State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

N.W. 1/4 Sec. 30 T. 5. R. 11.

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.2. The beneficial use on which the claim is based household;
gardening; fire protection; a general residential use.3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been June 30, 1954 - intermittent until
June 15, 1957 - then continuous thereafter.4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 25 gal./minute5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
Garden plot of 1/4 acre on appropriator's
land.6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal
Deep water pump located at well.7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater. Well started June 20, 1954
Well completed June 30, 19548. The depth of water table Intersected three water tables at approximately 40-45', 50-58' & 95'
below surface of ground. Static water level 30' from surface of ground.9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater. Well was churn drilled 95 feet below the surface
and cased with six inch pipe. Casing was perforated at 40-45' and 50-55'.
Deep well pump jet located at 55' to permit use of all available water.10. The estimated amount of groundwater withdrawn each year 150,000 gallons estimated11. The log of formations encountered in the drilling of each well if available: 9' Pit (sand-gravel & clay)
9'-32' (tight clay bound gravel) 28' to 39' (loose sand and gravel)
39'-55' (tight blue clay and large gravel) 55'-65' (tight red clay bound gravel)
65'-95' (tight to very tight red & blue clay bound gravel)12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record Copy sent to "Montana State Board of Health
Division of Sanitary Engineering, Helena, Montana - Well Driller's Report
Driller's Registration # 206 Driller (Pete & Highway Address Clancy, Montana)Signature of Owner Charles GrentzenDate 12/29/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of
Mines and Geology, and Quadruplicate for the Appropriator.

17093

81238

CIVIL ENGINEER

RECEIVED
DEC 30 1963

FILED FOR RECORD

December 30 1963
at 30 minutes past 10 o'clock
A.M.

ANNA QUIGLEY

County Recorder
Carol Mc Carthy

30

File No. _____

T. 5 R. 11

DUPLICATE

County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

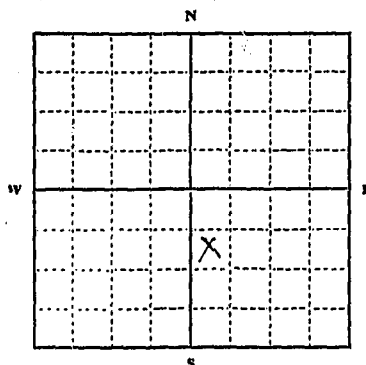
JAN 27 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ANDREW T. AUSTRUD, of 220 Rumsey Street, Anaconda, Montana
(Name of Appropriator) (Address) (Town)

County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. 30 T. 5. R. 11.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based domestic & irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been April 10, 1958, and continuous ever since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Lot 11, Block 11, Valley View, Deer Lodge County, Montana, owned by appropriator

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1/2 h.p. electric pump located on Lot 11, Block 11, Valley View, Deer Lodge County, Montana.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well started April 10, 1958, and completed the same day. 30 foot driven well with 2 1/2 inch steel casing.

8. The depth of water table 14 feet year around.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 30 foot driven well with 2 1/2 inch steel casing. Water withdrawn by 1/2 h.p. electric pump attached thereto.

10. The estimated amount of groundwater withdrawn each year 2 1/2 million gallons per year.

11. The log of formations encountered in the drilling of each well if available All gravel and sand.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record No water log filed as of this date.

Signature of Owner

Andrew T. Austrud

Date January 24, 1964

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

34034

81718

FILED FOR RECORD

January 24 1964

at 00 minutes past 10 o'clock

A.M.

ANNA QUIGLEY

County Recorder

Paul McCarley
Deputy

RECEIVED
JUN 9 1959

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

Owner Arthur C. Becker Address 113 Home St. Anaconda Mont.
Driller Self Address _____
Date Started _____ Date Completed _____
Location: Sec. 30 T. 5 R. 11 1/4 sec.

Type of well driven Equipment used Dug part drove part
(Dug, driven, bored, or drilled) (Chain drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: 2.8 ft. to _____ ft. Type gal Size 1 1/2
Casing: _____ ft. to _____ ft. Type _____ Size _____
Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations Screen at bottom on check valve

Static Water level, for non-flowing well: _____ feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level _____ feet at _____ gal. per min.

How tested: pumped with electric pump for 6 hrs

Length of test: unable to run out of water

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

6 ft of water in well pipe. Have it seal off tight in basement where it is connected to water pump.

(over)

[illegible]

71133

FILED FOR RECORD

29.14	2.3	19.57
45 minutes past	9	o'clock

IV-

County Records

B)

Debates

30

File No. _____

T. 5 R. 11

DUPLICATE

County Deer Lodge

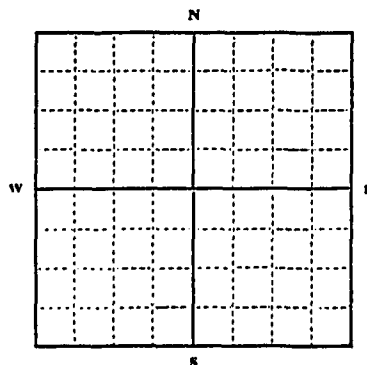
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 29 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Les F. and Katherine C. Bannanig of 41 2nd Street, Helena, Montana
(Name of Appropriator) (Address) (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec 32 T. 5 R. 11

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based. Domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. August 1953
Daily use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) _____

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof _____

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric Suction Pumps

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. August 1st 1953 August 12th 1963

8. The depth of water table. 20 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 1/2 inch galvanized pipe
30 feet deep

10. The estimated amount of groundwater withdrawn each year. 20,000 Per year

11. The log of formations encountered in the drilling of each well if available. Gravel

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. _____

Signature of Owner Les F. and Katherine C. Bannanig

Date Nov 16 - 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

7664

80933

FILED FOR RECORD

November 26 1963

at 30 minutes past 2 o'clock

P. M.

ANNA DUGLEN

Carol McKeith
Deputy Recorder
Dubois

File No. _____

DUPLICATE

T. 5 N R. 11 W

County Deer Lodge

R 10

JAN 9 1964

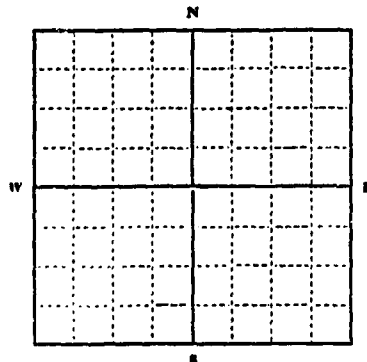
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Leon B. Callison, of 202 Russell St. Anaconda
(Name of Appropriator) (Address) Deer Lodge (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 84
Sec 30 T 5 R 11

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based.
Domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been December 20, 1958
constant

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
none

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
With an electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 16, 1958, completed July 18, 1958

8. The depth of water table Pumping water level, 76 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Standard type, 12 inch, 54 foot deep, drilled well

10. The estimated amount of groundwater withdrawn each year Normal use of water for 7 persons

11. The log of formations encountered in the drilling of each well if available 11 inches Top Soil, 1 foot to 7 feet of sand, gravel & clay, 7 to 24 feet of sand, gravel & clay, 24 to 33 feet of sand, gravel & clay, 33 to 34 feet of water bearing sand and gravel

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Leon B. Callison
Date 1-7-64

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

2871

81592

FILED FOR RECORD

January 7 1964
at 25 minutes past 1 o'clock
P.M.

ATINA OUGLEY

County Registrar
Carol McPartly

Office

RECEIVED

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Alvin Vlasita Cranner Address 112 N. Locust
Anaconda Mont.
Driller C.F. Wroble Address P.O. Box 170
Anaconda Mont.
Date Started March 21 1958 Date Completed March 23 1958
Location: Sec. 36 T. 5 R. 11 sec.

Type of well Drilled Equipment used Churn drill
(See driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: Surface ft. to 33 ft. Type Common black Size 6"

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations _____

Static Water level, for non-flowing well: 19 feet

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level: 27' feet at 16 gal. per min.

How tested: Well tested

Length of test: One hour

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible][illegible]

File No. _____

DUPLICATE

T. 5 R. 11

County Deer Lodge

JAN 9 1964

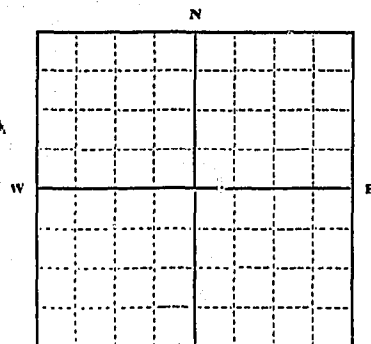
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Clifford James Cunniff, Jr. Box 42 Aconda
(Name of Appropriator) (Address) (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 7 Black 58
Valley near name.
1/4 Sec. 20 T. 5N. R. 11W.

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based Lawn & garden water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1959
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 1/2 gals per min
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 3/4 acres in valley near name
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal portable pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater unknown
8. The depth of water table 20 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 2 inch well 20 ft deep
10. The estimated amount of groundwater withdrawn each year 100,000 gals per year
11. The log of formations encountered in the drilling of each well if available unknown
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record unknown

Signature of Owner

Clifford J. Cunniff, Jr.Date 12/31/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

28752

81425

FILED FOR RECORD

December 3 1963
at 04 minutes past 11 o'clock
P.M.

MINOR CLERK

David McVerry
Deputy

GW

Approved Stock Form—State Publishing Co., Helena, Montana—41338

30

File No. _____

DUPLICATE

T. 11 R. 11
County Deer LodgeSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

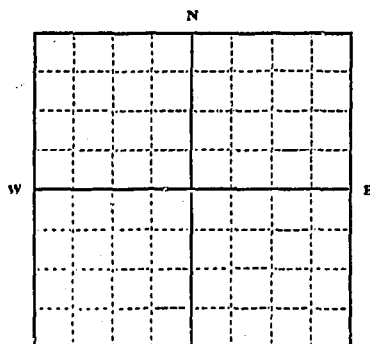
JAN 9 1964

ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Clifford James Cunningham Box 42 Anaconda
(Name of Appropriator) (Address) (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 6 Blk 8 - Valley View
1/4 Sec. 30 T. 54 N. R. 11 W.

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based. Home Use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. July 1959 Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 1/2 gals per min.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Lawn water

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. automatic pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. July 1959

8. The depth of water table. 27 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 3 inch - 31 ft deep

10. The estimated amount of groundwater withdrawn each year. 1,000,000 gals

11. The log of formations encountered in the drilling of each well if available. unavailable

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. unknown

Signature of Owner. Clifford J. Cunningham

Date. 12/31/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

28751

81424

FILED FOR RECORD

December 31 1963
at 03 minutes past 11 o'clock

A. M. ANNA QUIGLEY

By Carol M. Leahy
County Recorder
Deputy

C30

File No. _____

DUPLICATE

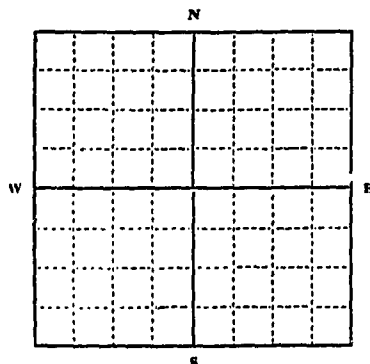
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T 5 R 11
County Deer Lodge
JAN 9 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Harold R. Cupp, of 25 MOUNTAIN VIEW ATACORDA
(Name of Appropriator) (Address) (Town)
County of DEER LODGE State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 30 T. 5 R. 11

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based House and Gardening
3. Date or approximate August 1955 of earliest beneficial use; and how continuous the use has been EVERY DAY
4. The amount of groundwater claimed (in miner's inches or gallons per minute) twenty one gallon per hour
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 1500 hundred square feet of land located 25 mountain view
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal drilled well with pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater started and completed August 1955
8. The depth of water table 34 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 2 1/2 inch drilled well depth 38 feet
10. The estimated amount of groundwater withdrawn each year 52000 gallons
11. The log of formations encountered in the drilling of each well if available none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner Harold R. Cupp

Date Dec 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

28738

81411

FILED FOR RECORD

December 31 1963
at 50 minutes past 10 o'clock
4 M.

James E. Connelley
County Recorder
Carol M. Connelley
Deputy

**STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD**

RECEIVED

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Tomas Curran

Address 225 Warren

Anconda Mont.

Date well started 9/24/72

completed 9/27/72

Type of well .. drilled ..

(Dug, driven, bored or drilled)

Equipment used *Churn drink*

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

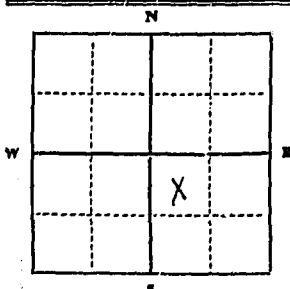
***Describe**

USE: If used for irrigation, industrial, drainage or other. Explain.
state number of acres and location or other data (i.e. Lot, Block

and Addition).

ESTIMATED ANNUAL WITHDRAWAL 1500 gal. per day.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 in	2 1/2	0	35	Cutting torch		
				2 - 6 ft		



Static water level 20.....ft.
Pumping water level 24.....ft.
at 10.....gallons per minute,
measured 60.....minutes after pumping
began.

*Measured from ground level.

Well developed by Baking
for 2 hours.

Power..... Pump..... HP

Remarks: (Gravel packing, cementing,
packers, type of shutoff)

7.4 sec. 3.0

T.....S'.....(N)R.....11.....E
S'.....(W)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature _____

Driller's Address

Anasconda Mant LICENSE NO. 209

8 197 Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

(Elev. above sea level) 5300[illegible]

Show exact depth of bottom

52,573

C

98992

James Quinn
8000
Horse Camp
0/20/73
A 11/13
0/20/73
0/20/73
0/20/73

111 0 12 32
0/20/73
0/20/73
0/20/73
0/20/73

FILED FOR RECORD

March 5 - 19 73
at 30 minutes past 4 o'clock

By HELEN L. LOVELL
County Recorder
By *Lura Stubbins*
Deputy

200

81950

Approved Stock Form—State Publishing Co., Helena, Montana—47134

30

File No.

T 5 N R 11 W

DUPLICATE

County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

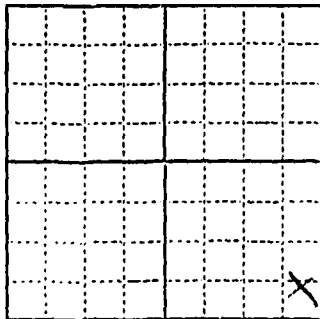
MAR 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. HAROLD H. DAUTERMAN of 33 MT. VIEW HOMES, ANACONDA
(Name of Appropriator) (Address) (Town)
County of DEER LODGE State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE SE 90 30' 40' 3 BLK 3
1/4 Sec. 4 T. 4 R. 11 W. 5 N. DEER LODGE

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based HOUSE HOLD USE

3. Date or approximate date of earliest beneficial use; and how continuous the use has been JULY-6, 1953
EVERY DAY

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 19 GALS. A MINUTE

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
ONE LOT 100 BY 150'
HAROLD H. DAUTERMAN

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
ELECTRIC PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
ONE LOT 100 BY 150'

8. The depth of water table 12'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
1 1/2" PIPE 24' DEEP

10. The estimated amount of groundwater withdrawn each year 3125 GALS A YEAR

11. The logs and formations encountered in the drilling of each well if available
ALL THE WAY DOWN

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
REFERENCE TO BOOK AND PAGE OF DEER LODGE COUNTY RECORDS AT COURT HOUSE
DEER LODGE COUNTY, ANACONDA, MONT.

Signature of Owner

Date 3-3-64

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

35+54

81150

FILED FOR RECORD

March 2 1964
at 56 minutes past 4 P.M.
James L. Ingley
County Recorder

Stamp

98762

FILED FOR RECORD

at January 24 1973
40 minutes past 3 o'clock
P. M.

HELEN L. LOVELL

County Recorder

By Sean McKenny
Deputy

\$ 2.00

File No. _____

T. 5 R. 11

DUPLICATE

County Deer Lodge

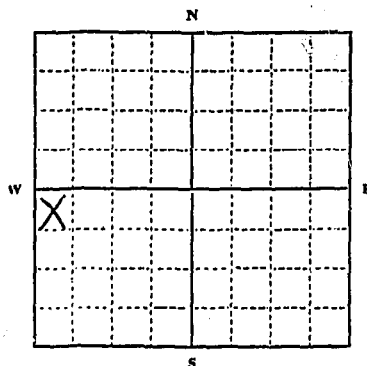
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 20 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John Fabich, of Box 16-A Cable Road Anaconda
(Name of Appropriator) (Address) (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

SW $\frac{1}{4}$ Sec. 30, T. 5, R. 11

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based.

Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.

July 1955

4. The amount of groundwater claimed (in miner's inches or gallons per minute).

20 inches

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.

5 acres Hay & Garden

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.

2000 feet of drainage ditches

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.

June 1945 - June 1955

8. The depth of water table.

Surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.

2000 feet of drainage ditches & pipe filled with coarse rock

10. The estimated amount of groundwater withdrawn each year.

Flow of 20 inches all year

11. The log of formations encountered in the drilling of each well if available.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

John FabichDate Jan 15, 1964

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

33.509

81656

FILED FOR RECORD

January 15 1964
at 10 minutes past 3 o'clock

P.M. Anna Ziegler
County Recorder

By _____
Date

GV

Approved Stock Form—State Publishing Co., Helena, Montana—38687

File No. _____

T 5 R 11

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

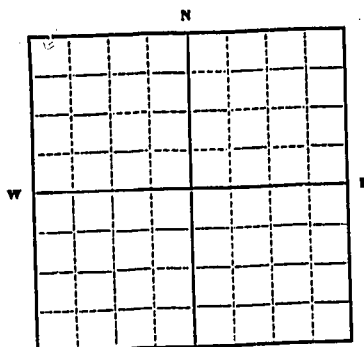
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

William Fairweather of 226 Rumsey Anaconda
(Name of Appropriator) (Address) (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 5
1/4 Sec. 30 T. 5. R. 11.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic Use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Nov. 30-1960
year around
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 300 gals. per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Domestic use only
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Nov. 30-1960
8. The depth of water table 33 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6" casing
10. The estimated amount of groundwater withdrawn each year unknown
11. The log of formations encountered in the drilling of each well if available 1 ft. top soil
33 ft. sand-gravel and boulders
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

W. FairweatherDate August 5-1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

14266

81209

FILED FOR RECORD

December 27 1963

at 00 minutes past 20 o'clock

P.M.

ANNA QUIGLEY

Lawrence Mc Carthy
County Recorder
Deputy

GW 1

Approved Stock Form—State Publishing Co., Helena, Montana—39318

File No. _____

T. 55 R. 11 N

DUPLICATE

County Beaver LakeSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEERRECEIVED
DEC 19 1963Notice of Completion of Groundwater
Appropriation by Means of Well ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level 5,202)

19 ft. — Open hole

Static level 19 ft.

Pumping level 29 ft.
20 gpm.Owner Norman V. Faulkner Address Valley View HomeAnacanda MontanaDriller C.F. Wroble Address Miller St. Box 1Anacanda Montana

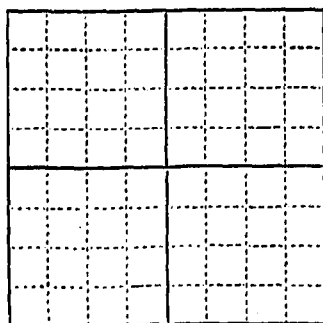
Date of Notice of Appropriation of Groundwater _____

Date well started July 7, 1961 Date Completed July 10, 1961Type of well Drilled Equipment Used Churn drill
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

39 ft. — Sand gravel and boulders.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6"x 19 5/8 lb. per ft.	7'	32	None		



Sec. 36 T. 55 R. 11W
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.
Exact depth 39'.

Static Water Level for non-flowing Well 19' feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 29' feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Bailed Length of Test 2 1/2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) _____

Driller's License Number 62

C.F. Wroble
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

10252

FILED FOR RECORD

at 15 minutes past 9 o'clock
A.M.

at 15 minutes past 9 o'clock
A.M.

at 15 minutes past 9 o'clock
A.M.

A.M.

ANNA QUIGLEY

County Recorder

County Recorder
Land One Earthy

Abstract

OW 2

File No. _____

DUPLICATE

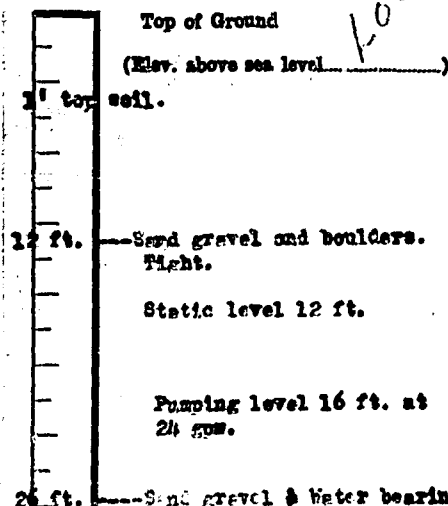
RECEIVED
MAR 2 1964

T 5 N R 11 W

County _____

STATE OF MONTANA
DEPARTMENT OF GROUNDWATER
OFFICE OF STATE ENGINEERSTATE ENGINEER
Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)



Owner Dale Filcher Address 101 Hawth St.
Valley View Home, Anaconda, Mo.
Driller G.T. Winkle Address Willow Creek, Mo.
Anaconda, Montana

Date of Notice of Appropriation of Groundwater _____

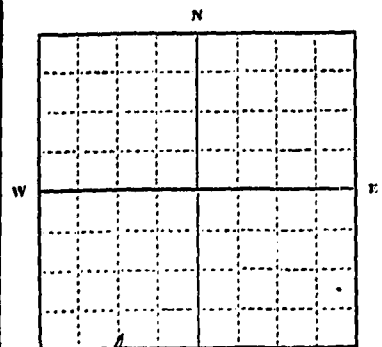
Date well started July 23, 1959 Date Completed July 24, 1959

Type of well Drilled Equipment Used Churn drill
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)

Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 15 lb.	Surface	26'	None		



SE 1/4 NE 1/4 Sec. 30 T. 5 N R. 11 W
Indicate location of well and place of use, if possible. Each small square represents 10 acres.
SE 1/4 NE 1/4 Sec. 30 T. 5 N R. 11 W.

Show exact depth of bottom.
Exact depth 26 ft.

Static Water Level for non-flowing Well 12 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 15' feet at 24 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Running Length of Test 2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

62
Driller's License Number

G.T. Winkle
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

17108

81254

FILED FOR RECORD

December 30 1963

at 30 minutes past 1 o'clock

P.M.

Anna Lingley

County Recorder

By _____

Deputy

W 3

Approved Book Form—State Publishing Co., Helena, Montana—3496

File No. _____

82544

T. 5N R. 11W

DUPLICATE

County San Juan

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUN 8 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 5-31-64

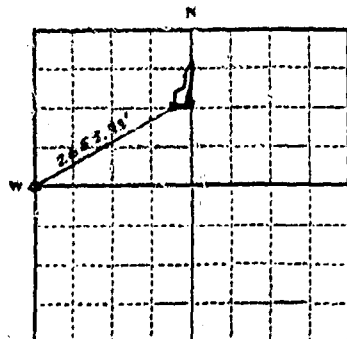
Owner LEROY F. FERGALD Address Box 15 Cable Rd.
Annaconda, Montana

Contractor (if any) NONE

Address of Contractor _____

Date Started 3-10-64 Date Completed 5-1-64

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. IMPROVED SPRING



NE 1/4 NW Sec. 30 T. 5N R. 11W

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use _____

50 GALS. MINUTE

APRIL - OCT.

PUMPED WATER IN BARREL

Signature of Owner Leroy F. Fergald

Date 5-31-64

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

38157

82544

FILED FOR RECORD

June 4 1964
at 30 minutes past 8 o'clock

AM Anne Lingley
County Recorder

By _____ Deputy

T S R 11

Comdr. *Wm. Lodge*

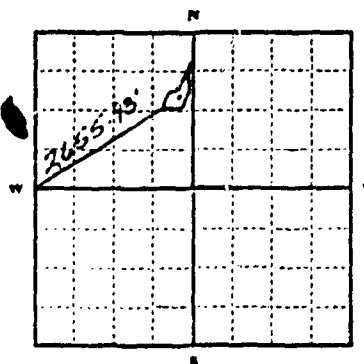
RECEIVED
JAN 3 1964

JAN 3 1963

STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Raymond J. Smith, a Lewis & Clark Appraiser
(Name of Appraiser) (Address) (Town)
County of Blaine State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lat N 74 Sec 30 T. 5 R. 11

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been September 14, 1956
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gal a min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal none

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1954
8. The depth of water table. 12 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Drilled - 6" casing - 101 ft
10. The estimated amount of groundwater withdrawn each year. 54750
11. The log of formations encountered in the drilling of each well if available. 3 ft. top soil
14 ft. sand, gravel and clay - 10 ft. sand, gravel
and gravel - 26 ft. fractured limestone cliff
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. San Joaquin Co. Records - Volume 200 - 62

Signature of Owner W. J. Taylor

Date _____

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Approprator.

18874

81278

FILED FOR RECORD

December 3, 1963
at 08 minutes past 7.00 o'clock
P.M.

ANNA QUIGLEY

Carol Mc Carthy
Deputy Recorder
Deputy

GW 2

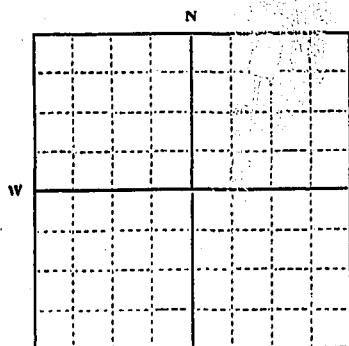
File No. _____

DUPLICATE

Top of Ground

(Elev. above sea level 5,200)

Static level, 13'

16 ft. Sand, gravel & boulders,
lime cemented.Pumping level 45 ft.
at 16 gpm.53 ft. Intermittent layers of
sand, gravel, & clay mix.
Some large boulders.57 ft. Sand and gravel. Water bearing.
High mica content.

1/4 Sec. 22, T. 5, R. 11.
Indicate location of well and
place of use, if possible. Each
small square represents 10 acres.

Show exact depth of bottom.
Exact depth 57 ft.

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Henry FlynnAddress Valley View Homes
Anaconda MontanaDriller C.F. WrebleAddress Millcreek RFD # 1
Anaconda Montana

Date of Notice of Appropriation of Groundwater _____

Date well started May 7 1957 Date Completed May 10 1957Type of well Drilled
(dug, driven, bored or
drilled)Equipment Used Churn Drill
(Churn, drill, rotary or
other)Water Use: Domestic ☒
Industrial ☐Municipal ☐
Drainage ☐Other ☐
Stock ☐Irrigation ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" X 15 lb.	Surface	57'	None		

Static Water Level for non-flowing Well 13' feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 45 feet at 16 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Pumped Length of Test 4 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

62
Driller's License Number

C. F. Wreble
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

10230

81131

FILED FOR RECORD

December 17 1963
 at 04 minutes past 10 o'clock

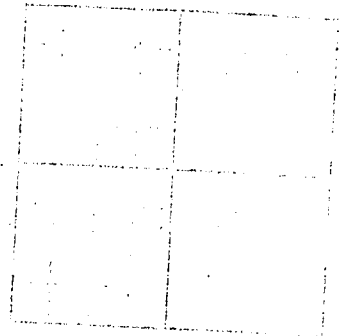
a M.

Anna L. Lundy

County Recorder

Deputy

Name
 Date
 Time
 Place
 Description
 Remarks
 Signature
 Title



The following is a list of the names of the persons who were present at the meeting held on the 17th day of December, 1963, at the County Recorder's Office, in the City of Los Angeles, California.

File No. _____

T 5 R 11

DUPLICATE

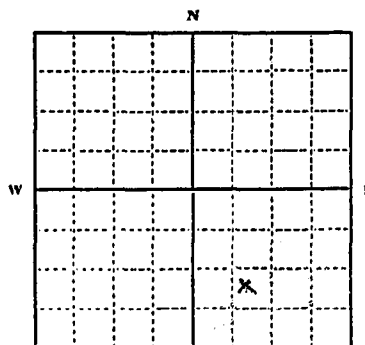
County New Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER

1. James + Mildred Shulis, of 212 Evans Avenue Butte
(Name of Appropriator) (Address) (Town)
County of New Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 7 Block 6 & Section 7
Valley View
1/4 Sec. 30 T. 5 R. 11

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based house hold and yard irrigation

3. Date or approximate of earliest beneficial use; and how continuous the use has been Sept. 1, 1960
all the time

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gal min.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof no

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal by pump well located at approximately center of lot

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 10, 1959

8. The depth of water table unknown

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 56 ft. deep 6" casing - drilled well

Pumping water level 49'

Static water level 31'

10. The estimated amount of groundwater withdrawn each year unknown

11. The log of formations encountered in the drilling of each well if available none

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Registered Water Well Log #65

July 15, 1959

Signature of Owner James Shulis

Date Dec. 27, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

14271

81216

FILED FOR RECORD

December 27 1963

at 30 minutes past 3 o'clock

P.M.

ANNA QUIGLEY

Carol McLaury
Secretary

RECEIVED
JAN 29 1959

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

Owner Allen Green Address _____

Driller C. E. Wroble Address PO Box 170
Anaconda Mont.

Date Started May 26 1958 Date Completed May 28 1958

Location: Sec. 3 T. 2 R. 1 1/4 sec

Type of well _____ Equipment used Churn drill
Drilled driven, bored, or drilled (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: surface ft. to 42 ft. Type standard Size 6"

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations _____

Static Water level, for non-flowing well: _____ 25' feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level: _____ 32' feet at _____ 20 gal. per min.

How tested: Boiler tested

Length of test: One hour and one half

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

RECEIVED
JAN 29 1959

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

Owner Allen Green Address _____
Driller C. Y. Wroble Address PO Box 170
Anaconda Mont.
Date Started May 26 1958 Date Completed May 28 1958
Location: Sec. 2 T. 5 R. 11 1/4 sec.

Type of well Drilled Equipment used Churn drill
(Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: surface ft. to 42 ft. Type standard Size 8"

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations _____

Static Water level, for non-flowing well: _____ 25' feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level: _____ 32' feet at _____ 20 gal. per min.

How tested: Ballast tested

Length of test: one hour and one half

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible]

62-100000

[illegible][illegible]

File No. _____

T. 5 R. 11

DUPLICATE

County DEER LODGE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

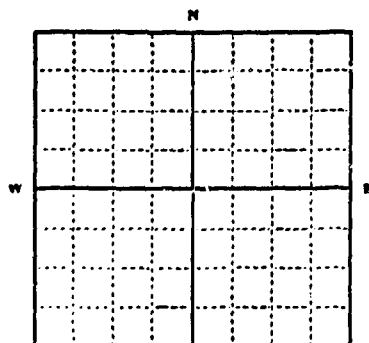
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. ALLEN J. GREEN of 214 EVANS ANACONDA
(Name of Appropriator) (Address) (Town)

County of DEER LODGE State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



LOT 8 BLKC
VALLEY VIEW

1/4 Sec. 30 T. 5 R. 11

Indicate point of appropriation
and place of use, if possible. Each
small square represents 16 acres.

2. The beneficial use on which the claim is based. HOUSE HOLD
& IRRIGATION

3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been. 28 MAY 1958

4. The amount of groundwater claimed (in miner's inches or gallons
per minute). 32 GALLONS PER MINUTE

5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
LAWNS & GARDENS

15,000 SQ FEET

6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal.

ELECTRIC PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater. 28 MAY 1958

8. The depth of water table. 23 FEET - 42 FEET

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater.

DRILLED WELL 8 INCH STEEL CASING

42 FEET DEEP

10. The estimated amount of groundwater withdrawn each year. 500,000 GALLONS

11. The log of formations encountered in the drilling of each well if available.

NOT AVAILABLE

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record.

JAN. 27 1959 FILE NO 56

Signature of Owner. Allen J. Green

Date. 12-30-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of
Mines and Geology, and Quadruplicate for the Appropriator.

17081

81226

FILED FOR RECORD

December 3, 1963
at 56 minutes past 7 o'clock
P.M.

ANNE OUTCLET

County Clerk
By Paul McCordy
Deputy

T.S.V. B.I. V.

County Franklin

JAN 3 1964

100-441970

D

Sec. 30 T. 36 R. 5

2. The beneficial use, on which the claim is based Home use, lawn + garden watering
3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1956
Continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal. per Min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Approximately (1/3) one-third
acre - lawn + garden
Donald H. Hartall
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Pumping

8. The depth of water table. Am not sure

10. The estimated amount of groundwater withdrawn each year 1,500,000 gal

11. The log of formations encountered in the drilling of each well if available. *un-available*

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. *Mr. C. W. Drable - well drilled - doesn't give well but I don't know if he filed it or not*

Signature of Owner Anders H. Norkel

Date 1/2/64 DEC 31 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicates to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

28690

81363

FILED FOR RECORD

DEC 31 1953

at 02 minutes past 10 o'clock

P.M.

ANNA QUIGLEY

By *Mary A. Brennan*
Chancery Reporter
(Handwritten)

GW

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No. _____

T. 5N R. 11W.

DUPLICATE

County Deer Lodge

JAN 9 1964

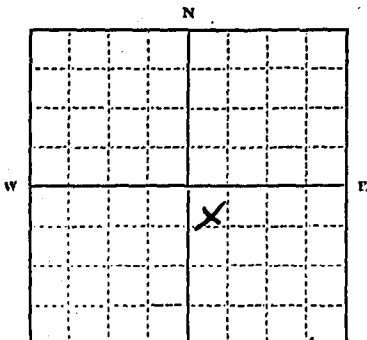
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Donald F. Hart, of 217 Warren Ave Conde
(Name of Appropriator) (Address) (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



s Valley View

N. Sec. 30 T. 5 R. 11

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based House hold
and yard
3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been Sept. 11, 1957
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 15 gallons per minute
5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
NONE
6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater. Sept. 11, 1957

8. The depth of water table. 32'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater. COMM. IN DIAM. 6", Surface to 32'

10. The estimated amount of groundwater withdrawn each year.

11. The log of formations encountered in the drilling of each well if available. Surface to Top Soil,
2 to 29' boulders, 29 to 31' sand, gravel & clay, 31' to 32'
clean water bearing gravel

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record. Water Log file 13 under
Verle Dickman Sept. 23, 1957

Signature of Owner

Donald F. HartDate 12-31-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of
Mines and Geology, and Quadruplicate for the Appropriator.

28727

81400

FILED FOR RECORD

DEC 31 1963 19

at 39 minutes past 10 o'clock

H. M.

ANNA QUIGLEY

Clerk Recording

May M. Cox
Deputy

GW 2

File No. 2-63

DUPLICATE

Approved Stock Form—State Publishing Co., Helena, Montana 1908

RECEIVED

County Beaver LodgeSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERSTATE ENGINEER
Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Peter F. Hart Address PO Box 821Anaconda MontanaDriller C.F. Wroble Address Millcreek RFD # 1Anaconda Montana

Date of Notice of Appropriation of Groundwater.....

Date well started Feb. 15 1963 Date Completed Feb. 20 1963Type of well..... Equipment Used.....
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Top of Ground
(Elev. above sea level 5,700)

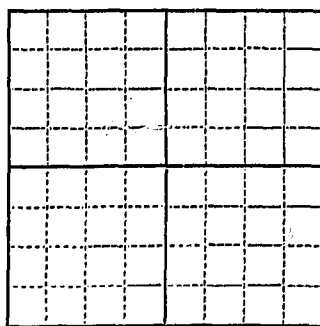
18' --- Open hand dug hole.

26' --- Large glacial fill

28' static level

36' Pumping level
15 gpm. yeald.

42' --- Sand gravel and clay mix.

45' --- Water bearing sand
and gravel.Show exact depth of bottom.
Exact depth 45 ft.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	6"x15 lb.	7 ft.	45 ft.	slots 3/16" X 5"	42 ft.	45 ft.

Static Water Level for non-flowing Well..... 28' feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level..... 36 feet at..... 15 gal. per minute.

Discharge in gal. per min. of flowing well.....

How Tested Bailer Length of Test 2 hrs.Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) None62
Driller's License NumberC.F. Wroble
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

6405

80678

FILED FOR RECORD

October 14 1963
12/5 minutes past 10 o'clock

A. M. Anna Zupley
County, Kentucky

By _____
Clerk

File No. _____

T 5 N R 11 W

DUPLICATE

County Deer Lodge

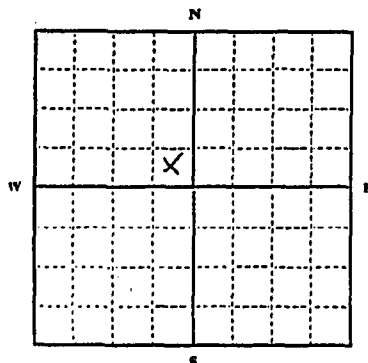
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 9 1964

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Fred J. and/or Evelyn M. Hayes, of #14 Jones Fairview Anaconda
(Name of Appropriator) (Address) (Town)

County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec 30 T 5 R 11

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based. Domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. September 1957
Constant Use
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 20 gal. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
1 Hr. Daming Pump attached east side of house.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. September 7, 1957
8. The depth of water table. 24 ft. 6 in. (Static level 9', Pumping level 12')
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Drilled well, size 6 in., 24 ft. 6 in.
10. The estimated amount of groundwater withdrawn each year. 80,000 gal.
11. The log of formations encountered in the drilling of each well if available.
2 ft. Top soil 20 ft. Intermittent sand gravel and large boulders.
24 ft. Sand and gravel (Water bearing)
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Fred J. Hayes
Evelyn M. Hayes
Date December 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

28778

31453

FILED FOR RECORD

December 31 1963
at 33 minutes past 11 o'clock
A.M.

ANNA O'GILEY

Carol M. McCarthy
County Recorder
Deputy

File No. _____

T. 5 R. 11

DUPLICATE

County DEER LODGE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 9 1964

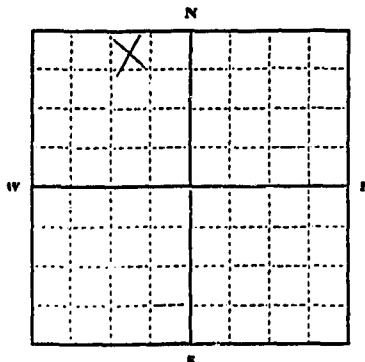
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. LYNN HACHSTRASSER, of 714 POWELL, ANACONDA
(Name of Appropriator) (Address) (Town)

County of DEER LODGE State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. 4, 30. 4 Sec. 30 T. 5 R. 11

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based HOUSEHOLD USE
LAWN & GARDEN

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1958 CONTINUOUS

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 GALLONS

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
NONE

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal MYERS EJECTA
PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Sept. 16, 1952 Sept. 15, 1952

8. The depth of water table 16 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater HAND DRIVEN 2 1/2 inch 32 FT

10. The estimated amount of groundwater withdrawn each year 230,000

11. The log of formations encountered in the drilling of each well if available NOT AVAILABLE

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record NONE

Signature of Owner Lynn Hachstrasser

Date DEC 31 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

28801

81476

FILED FOR RECORD
DEC 31 1961
at 55 minutes past 11 o'clock
A.M.
ANNA QUIGLEY
Clerk of the Court
Mary Moran

230

File No. _____

DUPLICATE

T. S. R. 11

County DEER LODGE

JAN 9 1964

STATE ENGINEER

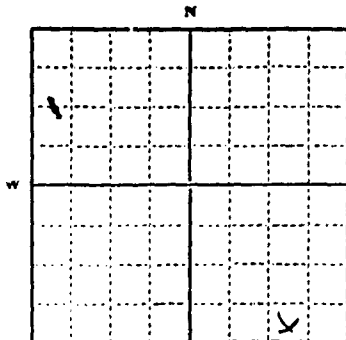
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ROBERT P HOLMES, 27 MT. VIEW ANACONDA
(Name of Appropriator) (Address) (Town)

County of DEER LODGE State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 20 T. 5 R. 12

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based HOUSEHOLD SMALL GARDEN - FIRE PROTECTION.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been JULY OF 1956 TO THE PRESENT DATE.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) NOT APPLICABLE

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof NOT APPLICABLE

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

1/2 HORSE ELECTRIC PUMP WELL LOCATED ON LOT 7 BLOCK 2 WEST VALLEY HOMES.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater DATES UNAVAILABLE - WELL WAS ON PROPERTY WHEN BOUGHT, JUNE OF 1956

8. The depth of water table EIGHTEEN FEET '18'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater DRIVEN WELL 2 INCHES DIAMETER 32 FEET DEEP FROM SURFACE OF GROUND '12,000'

10. The estimated amount of groundwater withdrawn each year TWELVE THOUSAND GAL.

11. The log of formations encountered in the drilling of each well if available NOT AVAILABLE

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record NONE

Signature of Owner

Robert P. Holmes

Date Dec 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

28808

81483

WFR OR

ALLEN LUNATON

RECEIVED BY THE
RECORDS SECTION
JAN 2 1963
FBI - MEMPHIS
JAN 2 1963
JAN 2 1963
JAN 2 1963

FILED FOR RECORD

December 31 19 63
at 02 minutes past 12 o'clock
P.M.
James L. [Signature]
County Recorder

200

RECEIVED

JUL 10 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Leonard Roschold

Address 230 Powell Valley Road
Anaconda, Montana

Driller G. H. Probie

Address Anaconda, Mont.

Date Started May 11 1958

Date Completed May 11 1958

Location: Sec. 30 T. 5

R. 11 1/4 sec. Lot 16 Block 12

Type of well Drilled

(Dig, driven, bored, or drilled)

Equipment used Churn drill

(Churn drill, rotary, other)

Water use: Domestic

☒

Municipal

☐

Stock

☐

Irrigation

☐

Industrial

☐

Drainage

☐

Other:

Casing surface ft. to 30' ft.

Type standard Size 1"

Casing: ft. to ft.

Type Size

Casing: ft. to ft.

Type Size

Perforated or Screened: Ft. to ft. Ft. to ft.

Type of screen or perforations

Static Water level, for non-flowing well: 20' feet

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level: 25' feet at 10 gal. per min.

How tested: 41-lb. checked

Length of test: 45 min.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible][illegible]

GW

Approved Stock Form—State Publishing Co., Helena, Montana—41338

File No. _____

DUPLICATE

T. 5 R. 11

County Deer Lodge

JAN 9 1964

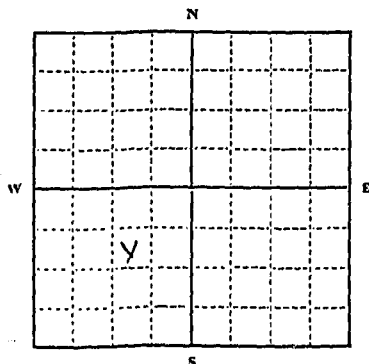
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. David L. Hunt of 200 House Valley View Home, Ancon
(Name of Appropriator) (Address) (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N. 1/4 Sec. 30 T. 5 R. 11

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based House hold purposes

3. Date or approximate date of earliest beneficial use; and how continuous the use has been August, 1958. Continuous use to present date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 12-15 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal By pump in basement of house

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater August 1957

8. The depth of water table Unknown

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 27 feet by 6 inches. Drilled

10. The estimated amount of groundwater withdrawn each year Approximately 27,000 gal

11. The log of formations encountered in the drilling of each well if available Not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Well drilled by Grace and Anthony, Lansing, Montana - 1957

Signature of Owner David L. Hunt

Date Jan 2, 1964

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

28689

81362

FILED FOR RECORD

December 31 1963
at 0 / minutes past 12 o'clock
A.M. ANNA QUIGLEY

Carol Mc Carthy
County Recorder
Deputy



STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner William Huestis

Address West of

Anasconda

Date well started 3/9/73

completed **3/11/73**

Type of well drilled

For Administrator's Use

File 99045

1272 RCH 14, 1973

GW 1 9:45

Equipment used Churn drill

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

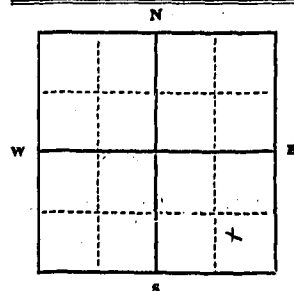
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

***Describe**

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL 36,000 gal/.....

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 in	2 1/2	0	40	cutting torch		
				2 - 6 ft		



SE 1/4 SE 1/4 Sec 30

T...5...NR...11...E

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Robert Mead

Driller's Address Box 139 R.F.D.

Amos Mont LICENSE NO *209*

LICENSE NO. 209

99045

5N-116

County Dacotah

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

(Elev. above sea level) **5280**[illegible]

40 Show exact depth of bottom

52,641

99045

2122nd Mission Hospital

to West

Abouqoula

3/18/78

3/11/78

quilted

quilt

pin

donor

17

30

5

quilt

INDIVIDUAL RECORDS SECTION

Quilted

3/18/78

3/11/78

3/18/78

FILED FOR RECORD

at March 14 19 78
45 minutes past 9 o'clock

HELEN L. LOVELL

County Recorder

By Marianne L. Stanger

Deputy

200

17

30

O R G O V E R K O O K

File No. _____

DUPLICATE

T. 5 N. R. 11 W.
County Deer Lodge
JAN 9 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

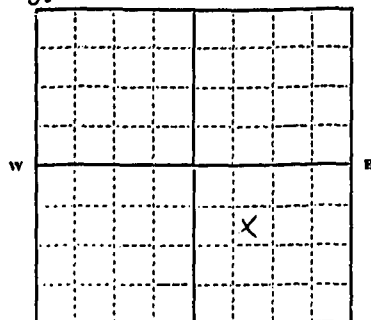
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Joseph Hunt & Ethel A. Hunt, of West Valley View Homes, Anaconda
(Name of Appropriator) (Address) (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

Lot 20 in Block 11



* Valley View

North 4 Sec. 32 T. 5 R. 11

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based
Household purposes
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Since Sept. 1957
Continuous use to present date
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
12-15 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
By pump in basement of house
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
September 1957
8. The depth of water table
Unknown
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
2 1/2 ft by 6 inches Drilled
10. The estimated amount of groundwater withdrawn each year
35,000 gallons approximately
11. The log of formations encountered in the drilling of each well if available
Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act including reference to book and page of any county record
Will drilled by Price & Lindsay, C. Lacey, Montana, 1957

Joseph Hunt & Ethel Hunt
Signature of Owner Ruthie Hunt, Mother
Date Dec. 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

28740

81413

FILED FOR RECORD

December 31, 1963
at 52 minutes past 10 o'clock
A.M.

ANITA QUIGLEY

County Recorder
By Carol McCarthy
Deputy

ON

Approved Stock Form—State Publishing Co., Helena, Montana—4234

230

File No. _____

DUPLICATE

T. 5 N R. 11 W

County Beaverhead

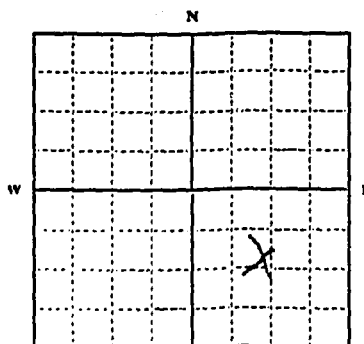
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECORDED
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Gene J. Argus, of 211 Ramsey Lincoln
(Name of Appropriator) (Address) (Town)
County of Beaverhead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 36 T. 5 N. R. 11 W.
Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based Household usage

3. Date or approximate date of earliest beneficial use; and how continuous the use has been August 1958, every day since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 feet in miner's inches

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof none

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater August 1958

8. The depth of water table 15 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater well, 47 feet deep

10. The estimated amount of groundwater withdrawn each year Average 100 gallons a day

11. The log of formations encountered in the drilling of each well if available Not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Not available

Signature of Owner Gene J. Argus

Date 1-2-64

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

33224

FILED FOR RECORD

January 13 19 64
at 5 minutes past 4 o'clock
A.M.

ANNA QUIGLEY

County Recorder

By Mary

H. H.
Deputy

230

File No. _____

DUPLICATE

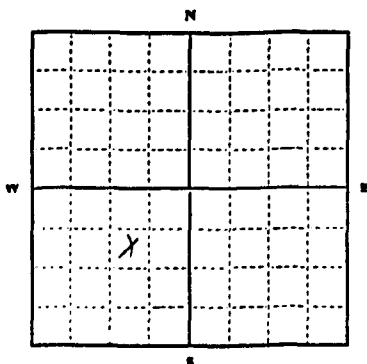
T. 5 R. 11
 County Deer Lodge
 JAN 9 1964
 STATE ENGINEER

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Henry Kearns, of Valley View Homes Anaconda Mont.
 (Name of Appropriator) (Address) (Town)
 County of Deer Lodge State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N. 1/4 Sec. 30, T. 5, R. 11
 Indicate point of appropriation
 and place of use, if possible. Each
 small square represents 10 acres.

2. The beneficial use on which the claim is based. Household and yard
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. June 25 1958
4. The amount of groundwater claimed (in miner's inches or gallons per minute). Yield 25 gpm.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Small yard and lawn.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Open well 100' 1/2 H.P. Pumping
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. June 19 1958 to June 20 1958
8. The depth of water table. Static level 18 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Drilled well. Standard casing. 6" ID
10. The estimated amount of groundwater withdrawn each year. 365,000 gallons.
11. The log of formations encountered in the drilling of each well if available. Surface to 1 ft. Top Well. 1 ft. to 24 ft. Sand gravel and boulders. 24 ft. to 36 ft. Water bearing sand and gravel.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Henry Kearns

Date Jan 12 1964

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

28701

81374

FILED FOR RECORD

December 31 1963

at 12 minutes past 12 o'clock

A.M.

ANNA OUGLEY

By: Carol McCarthy
County Registrar
Baltimore

92265
RECEIVED

5N-11W
County Deer Lodge 30

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

MAR 28 1972

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Adam E. Klein

Address 216 Evans St

Valley View
Rd. Anaconda, Mont 59604

Date well started

completed 1964

For Administrator's Use	
File	<u>92265 March 24 1972</u>
	<u>10:30 a.m.</u>
GW	<u>1</u>

Type of well Driven

(Dig, driven, bored or drilled)

Equipment used Hand Driven

(Chain drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

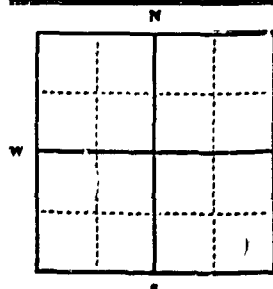
Industrial ☐ Drainage ☐ Other ☐ * Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL 2,000 per day

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
<u>3 in</u>	<u>224</u>	<u>0</u>	<u>40</u>	<u>Cutting torch</u>		
			<u>RJB</u>	<u>2 to 6 ft.</u>		



Static water level 25 ft.
Pumping water level 22 ft.
at 15 gallons per minute,
measured 60 minutes after pumping
began.

*Measured from ground level.

RJB Well developed by pumping
for 4 hours.

Power 1/2 hp Pump 1/2 HP

Remarks: (Gravel packing, cementing, packers, type of shutoff)

S. 1/4 Sec. 30 RJB

T. 5 N. R. 11W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature RJB Adam E. Klein

Driller's Address 216 Evans St.

LICENSE NO.

Show exact depth of bottom

①

50,114

[illegible]

at March 24 1972
30 minutes past 10 o'clock
A M
HELEN L. LOVELL
County Recorder
By Marian R. Stynes
Deputy

ESTIMATED ANNUAL WITHDRAWAL 2000 per day

[illegible][illegible]

5e 1/4 Sec 36

County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Adam F Klein

Address 216 Evans St

Valley View

Anaconda, Mont 5764

completed 1964

For Administrator's Use

File 92265 March 24, 1972

10:30 a.m.

GW 1

Type of well Driven

(Dug, driven, bored or drilled)

Equipment used Hand Driven

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

***Describe**

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block

and Addition).

ESTIMATED ANNUAL WITHDRAWAL 2000 per day

<u>Size of Drilled Hole</u>	<u>Size and Weight of Casing</u>	<u>From (Feet)</u>	<u>To (Feet)</u>	<u>PERFORATIONS</u>		
				<u>Kind</u> <u>Size</u>	<u>From</u> <u>(Feet)</u>	<u>To</u> <u>(Feet)</u>
3 in	224	0	40	Cutting torch		
				2 in 6 ft.		

Static water level 25 ft.*

Pumping water level 2.2 ft.*

at 1.5 gallons per minute,

measured 12 minutes after pumping
begin

*Measured from ground level.

Well developed by Rump. 1.7.

for 4 hours.

Power $\frac{1}{2}$ hp Pump $\frac{1}{2}$ HP

Remarks: (Gravel packing, cementing,
packers, type of cutoff)

Se. 1/4 Sec. 1/4 Sec. 3/4

T.....5..... N R.....11 W.....

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Adam F Kleins

Driller's Address 216 Evans St

LICENSE NO

Top of Ground

(Elev. above sea level)

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Holt Show exact depth of bottom

50,114

GW

Approved Stock Form—State Publishing Co., Helena, Montana—67234

File No. _____

DUPLICATE

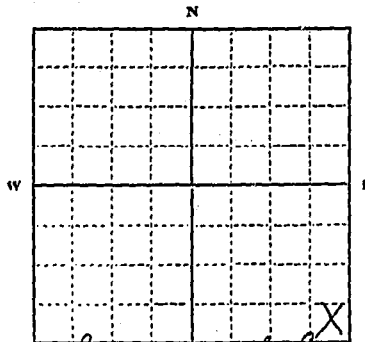
T. 5 N. R. 11 W.
County of Beauregard
JAN 9 1964
RECEIVEDSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John P. Kopp, of 121 St. West Valley Avenue
(Name of Appropriator) (Address) (Town)
County of Beauregard State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



4. Lot 1 s Block 5
Sec. 30 T. 5 R. 11

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Household use and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been September 25, 1959
Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3.50 Gal. per min.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
23 Acres Janson & Jansen

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Jet Pump
20 ft. from South East Corner of house
7.6 ft. South

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater September 25, 1959

8. The depth of water table 40 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Driven well 2" casing 40 ft. well

10. The estimated amount of groundwater withdrawn each year 50,000

11. The log of formations encountered in the drilling of each well if available None

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner John P. Kopp

Date Dec 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

28832

81507

FILED FOR RECORD

December 31 19 23
at 26 minutes past 12 o'clock
P.M.

ANNA QUIGLEY

Carol Mc Carthy
Secretary Recorder
Date

File No. _____

T. 5 R. 11

DUPLICATE

County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

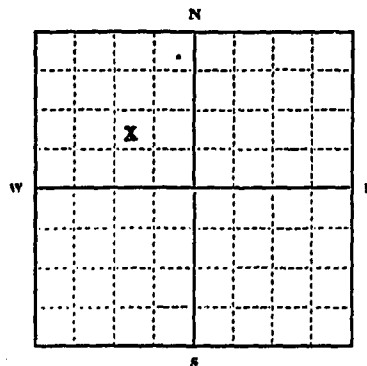
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 8 1964
STATE ENGINEER

1. John P. Kovasich Sr., of East Valley, Assorted
(Name of Appropriator) (Address) (Town)

County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW ¼ Sec. 30 T5 N R11 W.M.P.M.

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic household use and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. May 1958. Daily.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 1000 gallons per hour.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. 3 acres for gardening and maintenance of grounds. John P. Kovasich Sr. owner.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Shallow well located in basement of home. Pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. May 1958.

8. The depth of water table. 12 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 6" casing, 35 feet deep.

10. The estimated amount of groundwater withdrawn each year.

11. The log of formations encountered in the drilling of each well if available. loose gravel.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. Deed to property and registration of well book 92 page 1 Deer Lodge County court house.

Signature of Owner

Date Dec. 22, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

17079

81224

FILED FOR RECORD

December 30 1963

at 52 minutes past 7 o'clock

A.M.

JOHN G. GILBERT

County Recorder

Carol Mc Carthy

Deputy

G1

Approved Stock Form—State Publishing Co., Helena, Montana—41338

File No. _____

DUPLICATE

T. 5th R 11WCounty Deer Lodge

JAN 9 1964

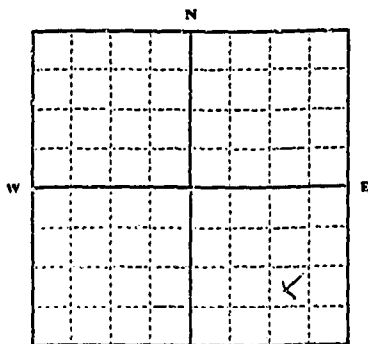
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John Raymond LeBatter, of 228 Bursay Valley View Has Anaconda
(Name of Appropriator) (Address) (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



lot 15 blk 11

Section 30 T. 5 R. 11

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based Home Use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1957 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 1/2 gals per min

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof lawn water

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1/2 hrs
convertible Howard pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 1957 exact date unknown

8. The depth of water table 24-25 26 ft

9. So far as it may be available, the type, size 3 inch depth of each well or the general specifications of any other works for the withdrawal of groundwater 3 inch 30 ft deep

10. The estimated amount of groundwater withdrawn each year 1,000,000 gal^s

11. The log of formations encountered in the drilling of each well if available unavailable

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record unknown

Signature of Owner John R. LeBatter

Date 12/31/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

28745

81418

FILED FOR RECORD

December 31 1963
at 57 minutes past 10 o'clock
A. M.

ANNA QUIGLEY

Mary M. Mearns
County Recorder
District

59.501

5-2100

OK

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No. _____

DUPLICATE

T. 5 R. 11

County Deer Lodge

RECEIVED

JAN 14 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights STATE ENGINEER
(Under Chapter 237, Montana Session Laws, 1961)

1. Alex Laing, of 223 Bentley Avenue
(Name of Appropriator) (Address) (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

NW 1/4 Sec. 30 T. 5 R. 11

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 25, 1960
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 26 G.P.M. 10-9-2 M.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Laing
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started construction 1960
8. The depth of water table unknown
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled type, size 6" depth unknown
10. The estimated amount of groundwater withdrawn each year Approximately 263,170 gal
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Book 151, page 356

Signature of Owner

Date Jan 14, 1964

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

32155

81613

FILED FOR RECORD
at Jan 7 11:45
minutes past o'clock
M. ANNA OUGLEY
Mary McNamee
Special Register
Deputy

File No. _____

T. 5 R. 11

DUPLICATE

County _____

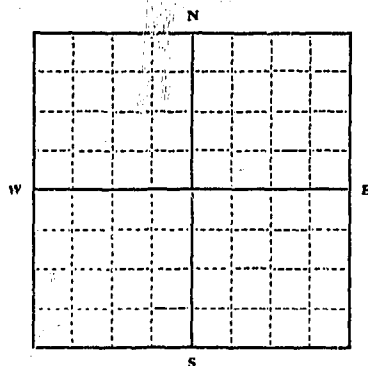
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Joseph P. Maes, of #8 Jones Fairview Anaconda
(Name of Appropriator) (Address) (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



$\frac{1}{4}$ Sec. 30 T. 5 R. 11

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based House hold
& garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1, 1960 - Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gal/minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Used to water lawn & garden
on approx. 20 acres
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Shallow well pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 1, 1959 to July 5, 1959
8. The depth of water table 31 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Shallow well 6 in casing, 31 ft
deep
10. The estimated amount of groundwater withdrawn each year 365,000 gals
11. The log of formations encountered in the drilling of each well if available Soil, clay, rock
and sand
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Not applicable

Signature of Owner

Joseph P. Maes
Date Dec 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quaduplicate for the Appropriator.

18879

81283

FILED FOR RECORD

December 31 1963
at 15 minutes past 8 o'clock
A.M.

ANNA QUIGLEY

Carol McRath
Deputy Recorder
Deputy

File No. _____

DUPLICATE

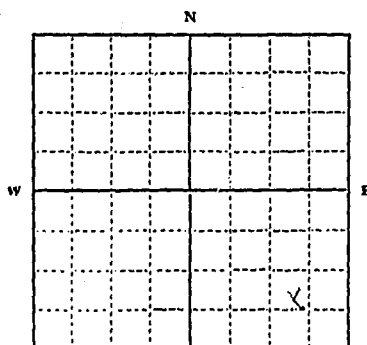
T. S. R. 11
 County Blaine
 JAN 9 1964
 STATE ENGINEER

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Thomas & Genevieve Mahle, of 48 Mountain View Homes Anaconda
 (Name of Appropriator) (Address) (Town)
 County of Deer Lodge State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 30 T. 5 R. 11

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based on the fact that it
our private water supply.
3. Date or approximate date of earliest beneficial use; and how continu-
 ous the use has been 1957 and the well has been used contin-
continuously.
4. The amount of groundwater claimed (in miner's inches or gallons
 per minute) All the water required for the house and
lawn.
5. If used for irrigation, give the acreage and description of the lands
 to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the loca-
 tion of each well or other means of withdrawal Electric Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
 drawal of groundwater in the year 1957
8. The depth of water table 25 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
 works for the withdrawal of groundwater

10. The estimated amount of groundwater withdrawn each year Not more than is necessary for
domestic and watering purposes
11. The log of formations encountered in the drilling of each well if available
Chas. F. Wroble, Mill Creek, Anaconda, Montana
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
 reference to book and page of any county record

Signature of Owner Thomas Mahle

Date Jan 3, 1964

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of
 Mines and Geology, and Quadruplicate for the Appropriator.

28706

81379

FILED FOR RECORD

DEC 31 1897

at 18 minutes past 10 o'clock

A.M. ANNA QUIGLEY

My Sister
Dated

File No. _____

T. 54 R. 11W

DUPLICATE

County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

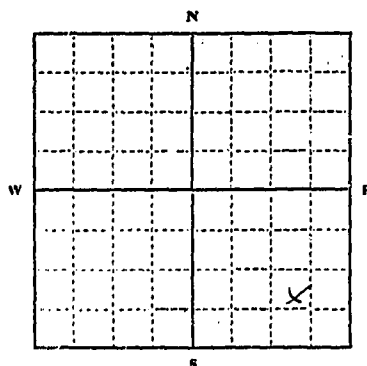
RECEIVED
FEB 27 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. John W. Malcom of West Valley Home Tracts
(Name of Appropriator) (Address) Anaconda, Montana (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. 36 1/4 Sec. 30 T. 54 R. 11W

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based.....
Household Use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
Continuous Use Since 1950
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
600 Gallons Per Day
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
Not Used For Irrigation
Except For Flower Beds
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Pumped Fifteen (15) Feet With
Electric Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
1950
8. The depth of water table.....
Not Known
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
One Dug Well
Approximately 50 Feet
10. The estimated amount of groundwater withdrawn each year.....
300,000 Gallons
11. The log of formations encountered in the drilling of each well if available.....
Not Known
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....
No Other Information Available

Signature of Owner. X John W. MalcomDate 12-31-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

35026

81840

FILED FOR RECORD

February 17, 1964

at 27 minutes past 4 o'clock

P. M.

Anna L. Lough

Clerk of the Court

By

Deputy

30

File No. _____

T 5 R 11

DUPLICATE

County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 9 1964

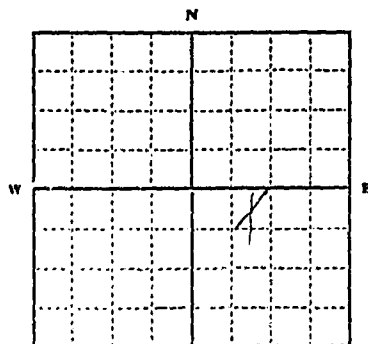
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Alfred Martzels, of 218 Pintler, Valley View Homes, Anaconda
(Name of Appropriator) (Address) (Town)

County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



7W 24 Sec. 20 T. 5 R. 11

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based. Household use. Also lawn and garden.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
Mar ch 30 1961

4. The amount of groundwater claimed (in miner's inches or gallons per minute). Yield 15 gpm.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
Lot 100 ft. x 150 ft.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
Johnson 1/2 H.P. Deep well jet pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. March 25 1961 March 28 1961

8. The depth of water table. Static level 21 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Drilled well 6 in. standard well casing. Depth 40 ft.

10. The estimated amount of groundwater withdrawn each year. 365,000 gallons

11. The log of formations encountered in the drilling of each well if available.
Surface to 5 ft. hand dug open hole. 5 ft. to 40 ft. sand gravel and boulders.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Alfred L. Martzels
Date 31 Dec 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

28840

81515

FILED FOR RECORD

December 31 1963

at 34 minutes past 12 o'clock

P.M.

ANNA QUIGLEY

Carol McLaithy
Deputy Recorder
Deputy

File No. _____

T. 5 N. R. 11 W.

DUPLICATE

County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

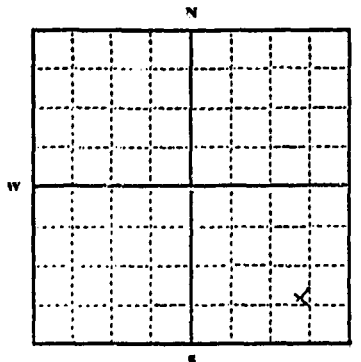
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Edward J. Massett, of 212 Mt. View Homes, Anaconda
(Name of Appropriator) (Address) (Town)

County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. 36 T. 5 R. 11

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based.....
Household use lawn + garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. June, 1954
Used daily
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....Unknown
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
1/2 Acre 212 Mt. View Sec. 36 Twp. 5 R. 11
Edward J. + Irene Massett
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. One deep well
1/2 Ht. Electric pump, South East
Corner of lot
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Construction June 23, 1954. Completion June 25, 1954
8. The depth of water table.....22 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
One 6 inch casing drilled 27 feet deep
10. The estimated amount of groundwater withdrawn each year.....Unknown
11. The log of formations encountered in the drilling of each well if available.....Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....Unknown

Signature of Owner.....

Edward J. MassettDate.....Dec. 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quaduplicate for the Appropriator.

17102

81248

81248

FILED FOR RECORD

December 30 1963
at 07 minutes past 1 o'clock
P. M.

ANNEX OUTLET

By Carol McLaury
Deputy

File No. _____

DUPLICATE

T. S. R. 11

County Deer Lodge

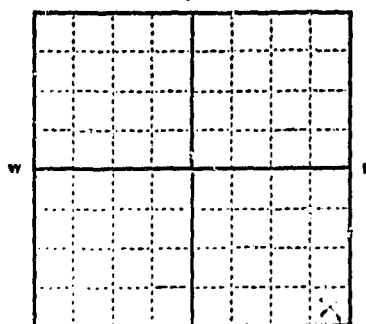
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 9 1964

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Paul Meyer, of 115 Mount-in-View Avenue,
(Name of Appropriator) (Address) (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Section 34 Sec. 31 T. 5 R. 11

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based.
household use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. March 1953
continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 12 K.G.P.M.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. March 1, 1953 - March 15, 1953
8. The depth of water table. 40 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
10. The estimated amount of groundwater withdrawn each year. 345,000 gal.
11. The log of formations encountered in the drilling of each well if available. unknown
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Eugene Meyer

Date 12/31/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quaduplicate for the Appropriator.

28816

81491

FILED FOR RECORD

December 31, 1963
at 70 minutes past 12 o'clock
P. M.

JOHN GUGLEY
County Recorder
By Carol M. Gentry
Deputy

GW 2

File No. 7

DUPLICATE

RECEIVED

MAY 31 1973

Approved Stock Form—State Publishing Co., Helena, Montana—423

T. 5 R. 11County Deer Lodge

LOG

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 5280)Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner E. A. McPherson Address Deer LodgeDriller R. Mead Address Anaconda

Date of Notice of appropriation of groundwater

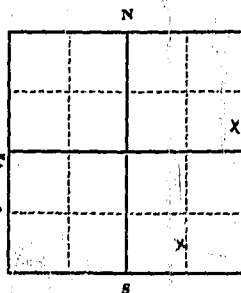
Date well started June 20, 71 Date completed June 21, 71Type of well drilled Equipment used Churn drill
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Oth. ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Sand
And
Gravel

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	17 LB	0	41	Cutting torch	2	6

Doc. No. _____
 Filed _____
 this 25th day of May
 A. 1973, at 4:14
 P.M.



SW/SE Sec. 30 T. 5 R. 11
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 32 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 25 feet at 32 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested BailedLength of Test 2 hr

Remarks: (Gravel packing, cementing, packers, type of shutoff)

Not Applicable

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Not Applicable

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number 209Driller's Signature R. Mead

53,320

1. The undersigned, being duly sworn, depose and say that the within and foregoing is a true and correct copy of the original as the same appears from the records of the County of [blank] State of [blank] and that the same is a true and correct copy of the original as the same appears from the records of the County of [blank] State of [blank].

Subscribed and sworn to before me this [blank] day of [blank] 1973.

Notary Public for the State of [blank]

My commission expires on [blank] day of [blank] 1973.

My office is located at [blank]

My residence is located at [blank]

My telephone number is [blank]

My fax number is [blank]

My e-mail address is [blank]

My business hours are [blank]

My fee for this service is [blank]

My fee for this service is [blank]

My fee for this service is [blank]

My fee for this service is [blank]

My fee for this service is [blank]

My fee for this service is [blank]

My fee for this service is [blank]

My fee for this service is [blank]

My fee for this service is [blank]

My fee for this service is [blank]

My fee for this service is [blank]

My fee for this service is [blank]

My fee for this service is [blank]

My fee for this service is [blank]

My fee for this service is [blank]

My fee for this service is [blank]

My fee for this service is [blank]

My fee for this service is [blank]

My fee for this service is [blank]

My fee for this service is [blank]

My fee for this service is [blank]

FILED FOR RECORD

May 25 1973

at 14 minutes past 4 o'clock

P M

Helen L. Lovell

County Recorder

By Mat for ME Cherry

Deputy

\$ 2.00

Approved by the County Clerk

I hereby certify that the within and foregoing is a true and correct copy of the original as the same appears from the records of the County of [blank] State of [blank] and that the same is a true and correct copy of the original as the same appears from the records of the County of [blank] State of [blank].

Subscribed and sworn to before me this [blank] day of [blank] 1973.

Notary Public for the State of [blank]

My commission expires on [blank] day of [blank] 1973.

My office is located at [blank]

My residence is located at [blank]

My telephone number is [blank]

My fax number is [blank]

My e-mail address is [blank]

My business hours are [blank]

File No. _____

DUPLICATE

T. 5N R. 11W Sec 30

County Deer Lodge

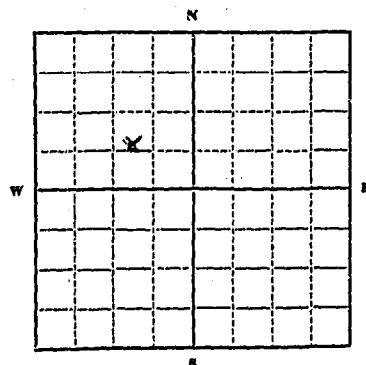
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
AUG 17 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Sigfred C. Miller, of 13 Fairview Homes
(Name of Appropriator) (Address) (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



E. 1/4 Sec. 30, T. 5N, R. 11W

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based. Water Supply
Home

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1955 - Now in use.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). Unknown

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. No

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1958

8. The depth of water table. Unknown

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 3 in. pipe, 20 ft. deep

10. The estimated amount of groundwater withdrawn each year. Unknown

11. The log of formations encountered in the drilling of each well if available. Unknown

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Sigfred C. Miller
Signature of Owner by Mrs. Sigfred C. Miller
Date July 10, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

38383

495 / 82963

FILED FOR RECORD

at Depot 1st 1864
at 36 minutes past 2:00 o'clock.

M -

James E. Galt
County Recorder

By Wm. H. Lee
Deputy

\$ 256

File No. _____

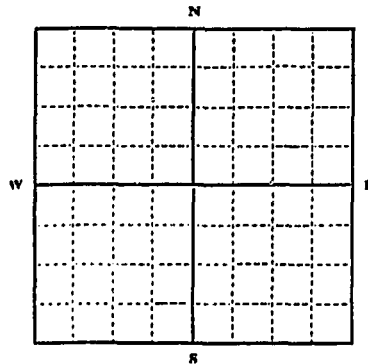
DUPLICATE

T. 5 R 11
County Deer LodgeSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
JAN 8 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Theodore Miller, of 263 Hwy Kelly View Anaconda
(Name of Appropriator) (Address) (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 30 T. 5 R. 11

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Water Facilities

3. Date or approximate date of earliest beneficial use; and how continuous the use has been April 7 - 1958

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 24 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electrically Pumped Well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started April 1, 1958 Completed April 7, 1958

8. The depth of water table 50 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Type: Common 8 inch casing 6 in. Depth from surface to 70 ft. Depth: Drilled Well

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available
Surface to 33 ft. Sand, gravel and boulders
33 ft. to 69 ft. Sand and gravel with clay mix
69 ft. to 70 ft. Water bearing gravel

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Theodore Miller

Date Dec. 27 - 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

17110

81256

FILED

FILED FOR RECORD

December 30, 1963

at 24 minutes past 1:00 o'clock

M.

ANNA QUIGLEY

Anna Quigley
Attest
Secretary

File No. _____

T. 5 R. 11

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

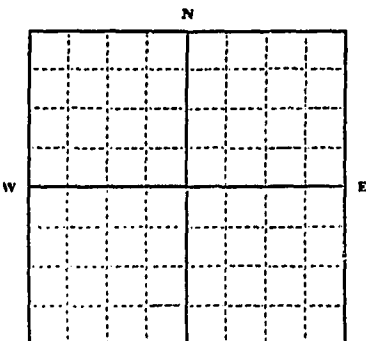
RECEIVED
JAN 9 1964

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. David L. Miner, of 26 Mountain View Anaconda
(Name of Appropriator) (Address) (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 6 Blk 2 S

1/4 Sec. 30 T. 5 R. 11

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Household and yard uses.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1953 - used daily.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gal. Min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Not used for irrigation.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
deep well Jet pump (26 Mt View)
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater approximate time Spring 1953
Completion - Summer 1953
8. The depth of water table 15 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
Type - deep well Jet Pump Size - 6 in.
Depth - 43 ft.
10. The estimated amount of groundwater withdrawn each year 150,000 gal
11. The log of formations encountered in the drilling of each well if available
Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.
Not known

Signature of Owner David L. MinerDate 12-31-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

28839

81514

FILED
DEC 31 1963

FILED FOR RECORD

Dec 31 1963
at 33 minutes past 12 o'clock
P.M.

RECEIVED

Mary McConner
Secretary

FILED FOR RECORD

Dec 31 1963
at _____ minutes past _____ o'clock
M.

RECEIVED

Mary McConner
Secretary

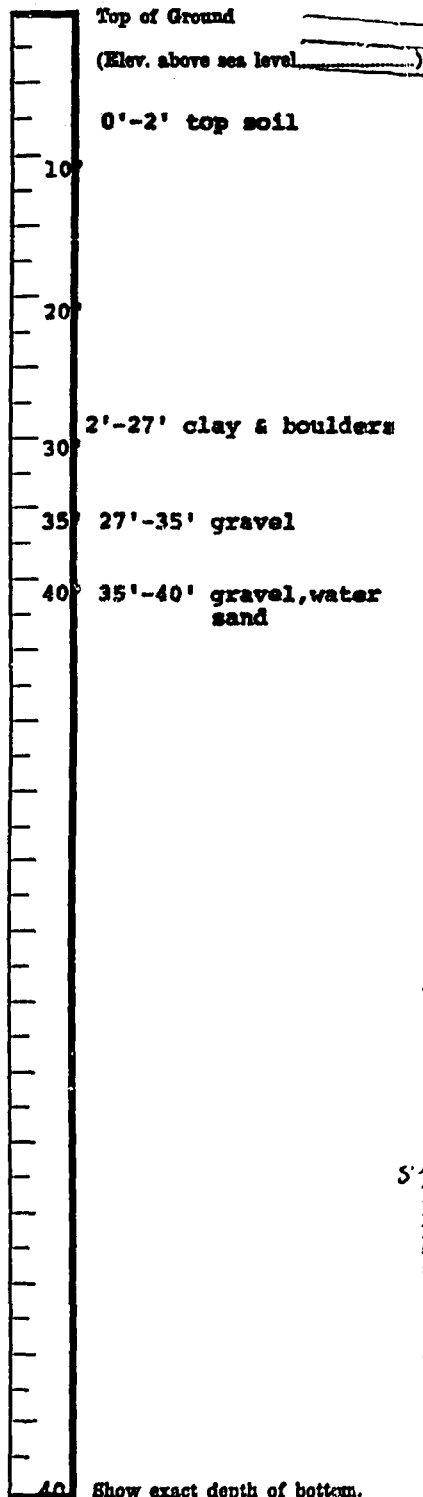
File No.

DUPLICATE

MONTANA WATER RESOURCES BOARD
RECEIVED

LOG

DEC 16 1968

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARDCounty Deer Lodge

Notice of Completion of Groundwater Appropriation by Means of Well

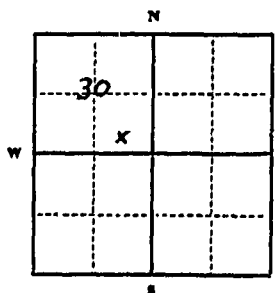
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner At. Haggin Baptist Church 131 Howa
Anaconda, MontDriller O'Keefe Drilling Co. Butte, MontanaDate of Notice of appropriation of groundwater December 2, 1968Date well started Nov. 22, 1968 Date completed Nov. 22, 1968Type of well drilled Equipment used chain drill
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" od 17.02 lb	0'	40'	cutting torch	33'	38'

Static Water Level for non-flowing well
22' feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level.....28' feetat.....25 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested.....bailerLength of Test.....two hoursRemarks: (Gravel packing, cementing, pack-
ers, type of shutoff).....

S 1/4 Sec. 30. T. 5 N. R. 11 W.
Indicate location of well and
place of use, if possible. Each
small square represents 40
acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state
number of acres and location or other data (i.e.: Lot, Block and Addi-
tion).churchThis form to be prepared by driller, and three copies to be filed by the owner with the
County Clerk and Recorder in the county in which the well is located, tissue copy to be
retained by driller.Please answer all questions. If not applicable, so state, otherwise the form will be
returned.

Driller's License Number

Driller's Signature.

44,951

01

Approved Stock Form—State Publishing Co., Helena, Montana—4234

30

File No. _____

T. SN R 11W

DUPLICATE

County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

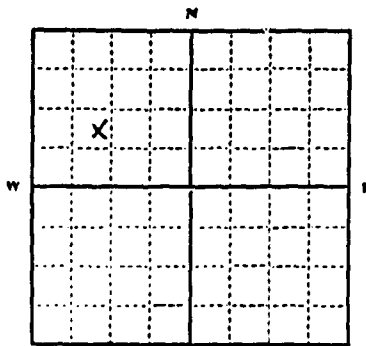
RECEIVED
JAN 8 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. John T. O'Connell, of North Cable Road, Arcadia, Montana
(Name of Appropriator) (Address) (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 1/4 Sec. 20 T. 6N. R. 11W
Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based Home consump-
tion, lawn and yard maintenance.
3. Date or approximate date of earliest beneficial use; and how contin-
uous the use has been. April 1954. Continuous, as we have
lived in house since that time.
4. The amount of groundwater claimed (in miner's inches or gallons
per minute). Seven gallons per minute.
5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal. Three-quarter H. P.
jet type pump. Well located approx. 20 ft. west of
house.
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater. Well started Fall of 1953. Completed April 15, 1954.
8. The depth of water table. Sixty-seven feet to bottom of well, with 18 to 20 ft. of water in well.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater. Well is 57 feet deep, with a six inch casing full depth.
Drilled well. Upper end of casing sealed and protected from surface contamination,
with a three ft. casing above ground level.
10. The estimated amount of groundwater withdrawn each year. 50,000 gal.
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record

Signature of Owner

Date Dec 27, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of
Mines and Geology, and Quaduplicate for the Appropriator.

17103

81249

FILED FOR RECORD

December 30 1963
at 10 minutes past 10 o'clock
P.M.

ANNA QUIGLEY

James M. [unclear]
Paul McCarthy
D-12-1

5N-11W 30
County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Robert Olsen

Address W. Ansgarde

Date well started 3/20/73

completed **3/23/73**

Type of wall *drifted*

Equipment used *Chain drill*

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casting	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
2 1/2" Dia	219	0	42	2 - 6 ft		
				Cutting		
				Torch		

Static water level 22 ft.
Pumping water level 18 ft.
at 30 gallons per minute,
measured 60 minutes after pumping
began.

*Measured from ground level.
Well developed by Barling
for hours.

Power..... Pump..... HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

SW 1/4 NE 1/4 Sec. 30
T. 5 N R. 11 E

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS .1 ACRES.

Driller's Signature Robert Mead

Driller's Address Box 139 RFD

ANACARDIUM MONS. LICENSE NO. 209

RECEIVED DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

(Elev. above sea level) **628**

[illegible]

42 Show exact depth of bottom

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 12/31/1944

$\frac{d}{dt} \left(\frac{1}{r^2} \right) = -\frac{2}{r^3} \frac{dr}{dt}$

April 3rd 1973
at 5 minutes past 11 o'clock

County Recorder
By Marian R. Stenger
Deputy

220

T. 5 N R. 11 W 30

County Deer Lodge

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
OCT 18 1960

WATER WELL LOG

STATE ENGINEER

Owner Tom Radenish Address _____

Driller G. F. Wroble Address Millcreek BFD-1
Anaconda Mont.

Date Started Oct. 18 1960 Date Completed Oct. 19 1960

Location: Sec. 30 T. 5 N R. 11 W 1/4 sec. SW 1/4 SE 1/4

Type of well Drilled Equipment used Churn drill
(Log, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other: _____

Casing: 5 ft. to 44 ft. Type Standard Size 6"

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. 44 to ft. 44 Ft. _____ to ft. _____

Type of screen or perforations 1/8" x 5" slots

Static Water level, for non-flowing well: 20' feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level 34' feet at 10 gal. per min.

How tested: Bailed

Length of test 3 hrs.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

1 ft. of gravel pack 43' to 44'

(over)

Log of Well

[illegible]

50,308

RECEIVED
MAY 3 1912

PROBATION DEPARTMENT
HOLD IN CONFINEMENT
MAY 3 1912

PROBATION DEPARTMENT
HOLD IN CONFINEMENT
MAY 3 1912

PROBATION DEPARTMENT
HOLD IN CONFINEMENT
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HOLD IN CONFINEMENT
MAY 3 1912

PROBATION DEPARTMENT
HOLD IN CONFINEMENT
MAY 3 1912

FILED FOR RECORD

May 3 1912

at minutes past 10 o'clock

HELEN L. LOVELE

County Recorder

By Mary Chas

Deputy

GW 2

92700

Approved Stock Form—State Publishing Co., Helena, Montana—4225

5N-11W-30

File No.

T.

R.

DUPLICATE

County

Deer Lodge

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

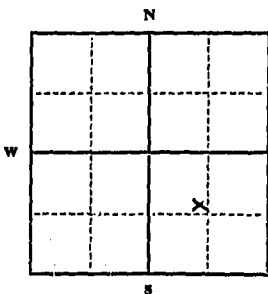
(Under Chapter 237, Montana Session Laws, 1961)

Glen Richardson and

Owner Elsie Richardson Address Anaconda, MontanaDriller J. Keefe Drilling Co. Address Butte, MontanaDate of Notice of appropriation of groundwater Oct. 13, 1969Date well started Oct. 11, 1969 Date completed Oct. 12, 1969Type of well drilled Equipment used churn drill
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" I.D. 17 lb.	0'	34'	cutting torch	29'	34'



NW 1/4 Sec. 3, T. 5, R. 11
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well
.....16.....feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level.....20.....feet

at.....20.....gal. per minute.

Discharge in gal. per min. of flowing well.....

How Tested.....bailer.....

Length of Test.....2 hours.....

Remarks: (Gravel packing, cementing, packers, type of shutoff).....

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

EIGHT

Driller's License Number

Driller's Signature

45894

DUPLICATE

(This space reserved for use of the Office of the Recorder)

FILE

MONDAY, NOVEMBER 24, 1969

RECEIVED

NOV 24 1969

FILED FOR RECORD

November 24, 1969.
at 10 minutes past 2 o'clock
P. M.

HELEN L. LOVELL

County Recorder

By

Mary Carr
Deputy

RECEIVED

County Dear Lodge

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

JUL 9 1970

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner -----Parini, Richard

Address ~~407~~ 228 Lantier

~~Anaconda, Montana~~

Date well started ---May 14, 1978

completed came

Type of welldrilled

(Dug, driven, bored or drilled)

Equipment used churn drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

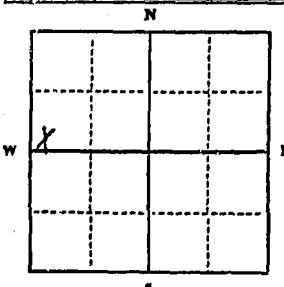
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

***Describe**

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casting	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" od 17.025 2' above		38'	cutting torch	33'	38'



Static water level22.1.....ft.*
Pumping water level 30.1.....ft.*
at25.....gallons per minute,
measured ~~within~~ minutes after pumping
began.

*Measured from ground level.

Well developed by **bal-inc**

for 2 hours.

Power..... Pump..... HP

Remarks: (Gravel packing, cementing,
packers, type of shutoff)

SW $\frac{1}{4}$ NW $\frac{1}{4}$ sec 30

T. 5 N. 11 E.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature O'Keefe Drilling Company.....

Driller's Address 2804 Harvard Ave.

Butte, Montana.....59701..... LICENSE NO.....8.....

Top of Ground

(Elev. above sea level)

[illegible]

38' Show exact depth of bottom

46652

93659

Owner ----- **Pauline J. Edwards**

Address - ~~0-0000~~

Woodward's New Line

Date well started ~~May 14, 1970~~

completed

Type of well drilled

Equipment used ~~chemical~~ AS-1

Water Use: Darn

Industriai ☐

Drainage ☐ Other ☐

Garland, Emma

*Describe Explain,
USE: If used for irrigation, industrial, drainage or other. State number of acres and location or other data (i.e. lot, Block and Addition).

ANIMAL WITHDRAWAL

15,000 00/0 year

For Administrator's Use

File 92-100-210-A-202

93659

15W1

FILED FOR RECORD

July 6 1970
at 20 minutes past 10 o'clock

A. M.

HELEN L. LOVELL

County Recorder

By Raymond J. [Signature]
Deputy

Deputy

RECEIVED

County... ~~Deer~~ Ind

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner ~~Franklin~~ ~~Richard~~

Address ~~228~~ 228 Lath

~~Appendix - Notes~~

Date well started ~~May~~ 14, 1970.

completed ~~1968~~

Type of welldrilled

(Dug, given, bored or drilled)

Equipment used ..~~chain~~ drill

(Check fixed, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

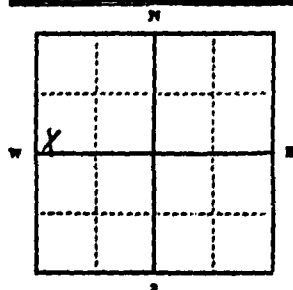
Industrial ☐ Drains ☐ Other ☐* Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL 18,000 gal/year

Size of Terminal Pipe	Size and Weight of Coupling	From (Feet)	To (Feet)	PREPARATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" od 17.025	2' above	38'	cutting torch	33'	38'



Static water level 22.1 ft.
Pumping water level 30.2 ft.
at 25 gallons per minute,
measured minutes after pumping
began.

*Measured from ground level.

Well developed by 2000
for 2000 hours.

Power..... Pump..... HP

Remarks: (Gravel packing, cementing,
packers, type of shutoff)

SW 1/4 NW 1/4 Sec. 3R.....
T. 5 S. R. 11 E.....
E.....

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature O. K. K. Drilling Company

Driller's Address ~~2084 E. 1st St., Los~~

Butte, Montana 59701 LICENSE NO. 0

DRILLER'S LOO

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

(Klar, above sea level)

[illegible]

30' Show exact depth of bottom

98027

Handwritten notes, possibly "100-100000" and "100-100000".

Handwritten notes, possibly "100-100000" and "100-100000".

Handwritten notes, possibly "100-100000" and "100-100000".

Handwritten notes, possibly "100-100000" and "100-100000".

Handwritten notes, possibly "100-100000" and "100-100000".

FILED FOR RECORD

August 18, 1912
at 45 minutes past 2 o'clock

HELEN L. LOVELL

County Recorder
Deputy

100-100000

Handwritten notes, possibly "100-100000" and "100-100000".

Handwritten notes, possibly "100-100000" and "100-100000".

Handwritten notes, possibly "100-100000" and "100-100000".

File No. _____

T. 5N R. 11W

DUPLICATE

County Deer Lodge

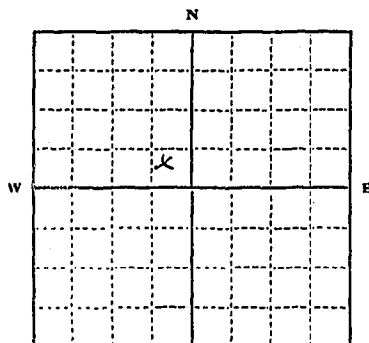
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 9 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. William O. Roullier, of #4 Fairview, Anaconda
(Name of Appropriator) (Address) (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 4 of Fairview
Section 30 T. 5 N. R. 11 W.

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based House dwelling and property
3. Date or approximate date of earliest beneficial use; and how continuous the use has been August 13, 1957, continuously
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 720 miner's inches per day.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof One acre in grass and garden owned by William O. Roullier.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Jet pump on west side of dwelling.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started August 10, 1957; completed August 11, 1957.
8. The depth of water table 24 feet.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Size of drilled hole - 6 in. Size of weight of casing, 6 in., 15 lb. from surface to 24 ft.
10. The estimated amount of groundwater withdrawn each year 272,800 miner's inches per year.
11. The log of formations encountered in the drilling of each well if available From top to four feet, sandy top soil, from four feet to twenty-three feet, sand, gravel and boulders, twenty-three feet to twenty-four feet, water-bearing gravels.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner William O. Roullier

Date _____

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

28707

81380

FILED FOR RECORD

Dec. 31 1963
at 19 minutes past 10 o'clock
4 M. ANNA QUIGLEY

May M. Corneen
County Recorder
District

File No. _____

T. 5 R. 11

DUPLICATE

County Deer Lodge

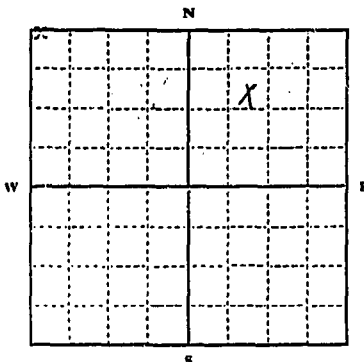
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Norman A. Rustad, of 233 Powell St. Anaconda
(Name of Appropriator) (Address) (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW ⁴/₄ Sec. 30 T. 5 R. 11

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been August 8, 1959 Every Day
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 Gals. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Not ~~Applicable~~ Applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 10, 1959 to April 17, 1959
8. The depth of water table 26'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Standard 6" 37'
10. The estimated amount of groundwater withdrawn each year 36,500 gallons
11. The log of formations encountered in the drilling of each well if available
Surface to 1' top Soil
1' to 29' Sand gravel and boulders
29' to 37' Sand & Gravel (water bearing)
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Norman A. RustadDate Dec 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

1887°

81266

RECEIVED

1963

FILED FOR RECORD

December 11, 1963
at 44 minutes past 1:00 o'clock
P. M.

ANNA C. QUIGLEY

County Recorder

Mary M. [Signature]
Clerk

File No. _____

DUPLICATE

T 577 R 112W

County Bear Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

JAN 14 1964

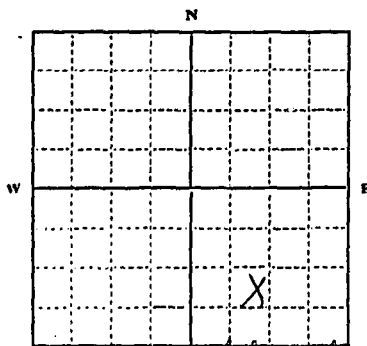
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Lloyd H. Sanders, of 36 Mt. View Homes Anaconda
(Name of Appropriator) (Address) (Town)

County of Bear Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based is for house
consumption.

3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been Since April 1953 and
continuous daily for the past ten years.

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 50,000 gal. per year.

5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof

No irrigation

6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal one well
center of lot 6 blk 3 Mt. View Homes.

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater April 1953 To May 1953

8. The depth of water table 30 Ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater Drilled six inch well. Depth 30 Ft.

10. The estimated amount of groundwater withdrawn each year 50,000 gal

11. The log of formations encountered in the drilling of each well if available Not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record No other information

Signature of Owner Lloyd H. Sanders

Date 12/29/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of
Mines and Geology, and Quadruplicate for the Appropriator.

32151

81609

FILED FOR RECORD

at Jan 6 1948
at 45 minutes past 1 o'clock
P M. ANNA QUIGLEY

May Monahan
County Recorder
Chapman

File No. _____

DUPLICATE

T. 5 R. 11

County Deer Lodge

JAN 8 1964

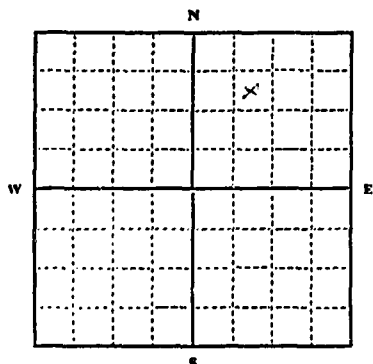
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Jane Elizabeth Shanklin, of 206 Powell Amesbury
(Name of Appropriator) (Address) (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 4 Sec 30 T. 5 R. 11

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Household use, irrigating garden & lawn
3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1959
continuous use since above date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 500 gallons average per 24 hours
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
used on lots 3 & 4 Blk 12
(2.22' x 150') Valley View addition
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater well completed June 1959
8. The depth of water table 14 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
4 inch pipe driven 40 feet
10. The estimated amount of groundwater withdrawn each year 150,000 gals. Per year
11. The log of formations encountered in the drilling of each well if available
GRAVEL
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record NO OTHER INFORMATION

Signature of Owner

Jane Shanklin
Jane Shanklin
Date Dec 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

17116

81262

FILED FOR RECORD
December 30 1963
at 36 minutes past 1:00 o'clock
P. M. ANNA QUIGLEY
County Recorder
Mary Morrison
Deputy

46570

#93550

93550
FILED FOR RECORD

June 11 1970
 at 50 minutes past 11 o'clock
 A M
 Helen L. Randall
 County Recorder

By _____ Deputy -

7.00

MONTANA WATER RESOURCES BOARD
Water Resources Division
Mitchell Building
Helena, Montana 59601

RECEIVED

JUL 17 1970

Recently a copy of a groundwater appropriation form,

- ☐ GW 1, Notice of Appropriation of Groundwater
- ☒ GW 2, Notice of Completion of Groundwater Appropriation by means of Well
- ☐ GW 3, Notice of Completion of Groundwater Appropriation without Well
- ☐ GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by

Owner W. T. Stambridge Address Anaconda, Montana

Location T. 5N R. 11W Sec. 30 Document No. 93550

- ☐ This is to inform you that your GW form has been received and is complete as filed.
- ☒ This is a request for additional information if available. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.

Please provide the estimated annual withdrawal in gallons per year.

☐ Other.

Remarks: (Gravel packing, cementing, packers, type of shut-off)

SE 1/4, SE 1/4, Sec. 30, T. 5N, R. 11W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature [Signature]

Driller's Address Anaconda, Montana

Helena, Montana

LICENSE NO. 8

Show exact depth of bottom

46570

GW 2 Revised 1968
7-15-68/69

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER DOGS
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1968

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner W. B. Stender

Address Amesbury, Montana

Date well started March 21, 1970

completed March 22, 1970

Type of well drilled

(Dig, driven, bored or drilled)

Equipment used chain drill

(Chain drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

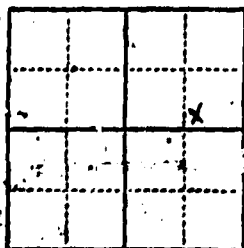
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Well	Size and Weight of Casing	From Open	To Open	PENETRATIONS		
				Kind and Depth	From Open	To Open
6"	6" I.D. 17 lb.	25'	25'	drilling test	25'	25'



Static water level 93 ft.
Pumping water level 2 ft.
at 20 gallons per minute,
measured 1 minutes after pumping
begins.

*Measured from ground level.
Well developed by jetting
for 2 hours.

Power 1 HP
Remarks: (Gravel packing, cementing,
packers, type of shut-off)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature W. B. Stender

Driller's Address Amesbury, Montana

Amesbury, Montana

LICENCE NO. 8

93550
MONTANA WATER RESOURCES BOARD
RECEIVED
JUN 19 1970
COUNTY Deer Lodge
DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Dist. above sea level)

From Open	To Open	
0	10	hard sand
10	20	fine sand
20	25	drilling test

Show exact depth of bore

46570

File No. _____

DUPLICATE

T. 5N R. 11W

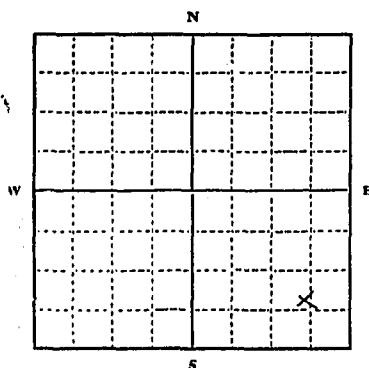
County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. WAYLAND T. STEMBRIDGE of 44 MTN VIEW HOMES
(Name of Appropriator) (Address) (Town)
County of DEER LODGE State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Section 3, T. 5 R. 11

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based HOUSEHOLD USE AND IRRIGATION OF YARD AND GARDEN

3. Date or approximate date of earliest beneficial use; and how continuous the use has been AUGUST - 1954
CONTINUOUS

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 350 GALS. PER MIN.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
2/3 ACRES - LAWN + GARDEN

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal JET PUMP
1. WELL - CENTER OF LOT

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater JULY 1 - 1954 - JULY 31 - 1954

8. The depth of water table 30'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater DRIVEN WELL - 30' DEEP
2" CASING

10. The estimated amount of groundwater withdrawn each year 50,000 GALS.

11. The log of formations encountered in the drilling of each well if available NONE

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record NONE

Signature of Owner _____

Date _____

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

17105

81251

STATE EXAMINER

RECEIVED

FILED FOR RECORD

December 30 1963

at 14 minutes past 1 o'clock

P. M.

ANNA QUIGLEY

Carol Mc Carthy
Clerk of the Court
District

G.W.

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No. _____

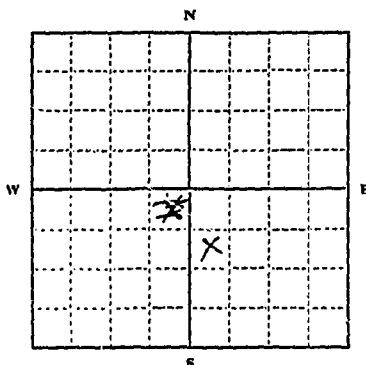
DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 5 R. 11
County, Deer Lodge
JAN 9 1964

STATE ENGINEER
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. ANTON TAUS, of 226 Kintlar Pineroda
(Name of Appropriator) (Address) (Town)
County of Deer Lodge State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



W. 1/4 Sec. 30 T. 5 R. 11

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based
House hold and lawn

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Oct. 1 1958
continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

Lawn 100 x 150 ft.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

1/2 H.P. Water System basement

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 1958

8. The depth of water table 10 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater

2 inch pipe 39 ft depth

10. The estimated amount of groundwater withdrawn each year 54750

11. The log of formations encountered in the drilling of each well if available none

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not known

Signature of Owner Anton Taus

Date DEC 31 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

28856

81531

FILED FOR RECORD

at Dec. 31 1963
51 minutes past 12 o'clock
P.M.

ANNA QUIGLEY

County Recorder

Carol Mc Carthy

Deputy

GK

Approved Stock Form—State Publishing Co., Helena, Montana—G234

File No. _____

DUPLICATE

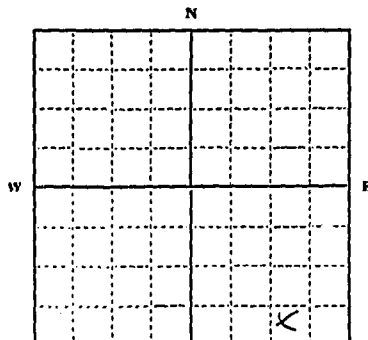
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 5N R. 11W
County Deer Lodge
RECEIVED
JAN 9 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. James R Taylor, of 114 mt View Avenue
(Name of Appropriator) (Address) (Town)
County of Deer Lodge State of Mont
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 14 BIRI
Hill View

Section 30, T. 5, R. 11

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based.

Household use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.

1962 or 1964

4. The amount of groundwater claimed (in miner's inches or gallons per minute).

Unit ordinary house per day
sufficient for ordinary use

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.

Small well for household use only
near house

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.

Jan. 1961 or 1962

8. The depth of water table.

127 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.

small well 127 ft in
depth for family use

10. The estimated amount of groundwater withdrawn each year.

unsure to estimate for
ordinary unit for small family

11. The log of formations encountered in the drilling of each well if available.

drilled through
granite and rock

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

James R Taylor

Date

3/1/64

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

28728

81401

FILED FOR RECORD

DEC 31 1963 10

at 40 minutes past 10 o'clock

19. M. ANNA QUIGLEY

By Mary M. McGuire
County Clerk
Deputy

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—3931

File No. _____

T. 5 N. R. 11 W. 30

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODES
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level _____)

Static level 12 ft.

15 ft. Sand gravel and boulders.

Owner E. L. ThompsonAddress 49 Locant, LaneDriller G. A. KraliaAddress Willow Creek, P.O. Box 1Anaconda, Montana

Date of Notice of Appropriation of Groundwater _____

Date well started _____

Date Completed _____

Type of well Drilled

(dug, driven, bored or drilled)

Equipment Used Churn drill

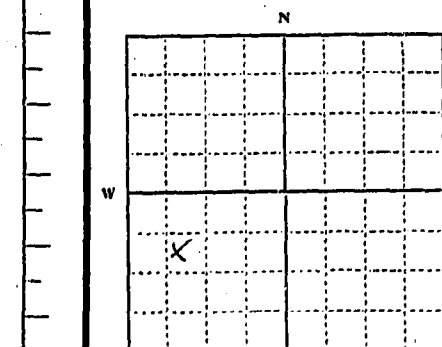
(Churn, drill, rotary or other)

Water Use: Domestic ☒Municipal ☐Other ☐Irrigation ☐Industrial ☐Drainage ☐Stock ☐

Pumping level 34 ft.
at 12 gpm.

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 19.5 lb.	Surface	4 1/2'	none		
4 1/2' ft.	Intermittent layers sand gravel & boulders. Witholay. Tight pressed.					
4 1/2' ft.	Water bearing sand and gravel.					



Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.
Depth 4 1/2' ft.

Static Water Level for non-flowing Well 12' feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 34 feet at 12 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Rated Length of Test 2 1/2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) _____

Driller's License Number 62

Driller's Signature C. F. Wattle

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

28739

81412

FILED FOR RECORD

at 19 minutes past 10 o'clock
M.

County Recorder

Deputy

FILED FOR RECORD

December 31 1963
at 51 minutes past 10 o'clock
A. M. ANNA QUIGLEY

County Recorder
Anna Quigley

Deputy

File No. _____

T. 5 N. R. 11 W.

DUPLICATE

County Deer Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 9 1964

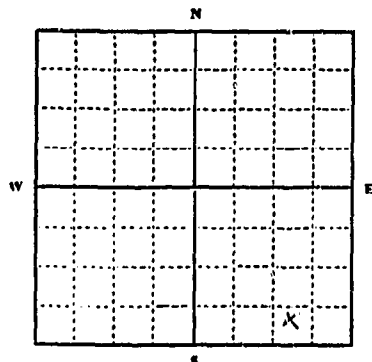
Declaration of Vested Groundwater Rights

ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Norma FREIDURS TRUEN, of 125 HOWE ST. ANDERSON
(Name of Appropriator) (Address) (Town)

County of DEER LODGE State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Section 3, T. 5, R. 11

Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based RESPIRATION, IRRIGATING CROPS, FURNISHING WATER FOR IRRIGATION

3. Date or approximate date of earliest beneficial use; and how continuous the use has been JUNE 5, 1957, AND CONTINUOUS THEREAFTER.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 G.P.M. PER MINUTE, 10 HOURS PER DAY, 365 DAYS PER YEAR (6,570,000 GALLONS)

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof LOT 100 X 150, EXHAUSTIVE DRAINAGE, HOME AND APPURTENANCES

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 2 H.P. M.YERS Jet Pump, 30' HEAD

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater JUNE 5, 1957

8. The depth of water table FIFTEEN FEET (15')

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 1" WELL 6" CASING, 30 FEET DEEP, LOCATED 10' FROM FOUNDATION OF DWELLING HOUSE, S.E. CORNER

10. The estimated amount of groundwater withdrawn each year 6,000,000 GALLONS

11. The log of formations encountered in the drilling of each well if available SAND & GRAVEL

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record SURVEY BOOK 10713, BLOCK 5, VALLEY VIEW HOMES, ACCORDING TO OFFICIAL PLAT AND SURVEY GALELICK IN DEER LODGE COUNTY, BOOK 99, PAGE 312 (75512) DATED JULY 27, 1957, (REQUIRED CONSTRUCTION OF HABITABLE HOUSING WHICH HAS BEEN OCCUPIED FOR 6 YEARS.

Signature of Owner Norma Freidurs Truen

Date Dec 31, 63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

28465

81338

FILED FOR RECORD

December 31, 1963
at 37 minutes past 9:00 o'clock
A. M. ANNA QUIGLEY

County of Florida
By Thuy M. Cannon
Deputy

RECEIVED

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner West Valley Community Club Address _____
 Driller C. E. Wamble Address PO Box 170
Anaconda Mont.
 Date Started Dec. 22 1959 Date Completed Dec 23 1959
 Location: Sec. 30 T. 5N R. 11W S. 1/4 sec. S.E. 1/4

Type of well Drilled Equipment used Churn drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐
 Industrial ☐ Drainage ☐ Other: Community

Casing: Surface ft. to 34' ft. Type Standard Size 6"

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations _____

Static Water level, for non-flowing well: _____ 18' feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level: _____ 23' feet at _____ 18 gal. per min.

How tested: Bailed and pumped

Length of test: 2 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible]

FILED FOR RECORD

1948
January 8
minutes past 11 o'clock

以下

Deeds
County Records

Explanations

1234

GW 2

RECEIVED

Approved Stock Form—State Publishing Co., Helena, Montana—45642

File No.

MAR 31 1972

T 5N R 11W 30

DUPLICATE

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATIONSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERCounty Deer Lodge

Top of Ground

(Elev. above sea level.....)

7 ft. Open hole

Notice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Robert Walters Address West ValleyAnaconda, Mont.Driller C. F. Wroble Address Rta. 1, MillcreekAnaconda, Mont.

Date of Notice of appropriation of groundwater.....

24 ft. Sand, Gravel

Large boulders

Water bearing

Date well started June 27, 1967 Date completed July 5, 1967Type of well Drilled Equipment used Churn Drill

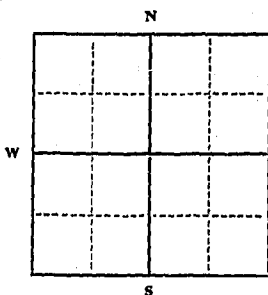
(Dug, driven, bored or drilled)

(Churn drill, rotary or other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	10 lbs. per ft.			3 ft.	21	24

Doc. No. 97288
Filed for record
this 29th day of March
A. D. 19 72, at 2:30
o'clock A.M.SW 1/4 NW 30 T. 5 S. R. 11 W. 11.2
Indicate location of well and place of use, if possible. Each small square represents 40 acres.Static Water Level for non-flowing well 2 feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level 20 feetat 20 gal. per minute.

Discharge in gal. per min. of flowing well.....

How Tested BaledLength of Test 2 hours

Remarks: (Gravel packing, cementing, packing, type of shutoff).....

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

82
Driller's License Number

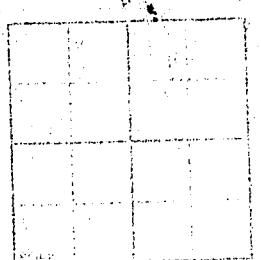
Driller's Signature.

50,132

Date well started _____
 Name of owner _____
 (If different from name of owner)
 (If different from name of owner)
 Water use: ☐ Domestic ☐ Industrial ☐ Other _____
 Indicate on the diagram the character and thickness of the strata met with in drilling, and show the position of the water level in the well.

Depth (feet)	Character of strata	Thickness (feet)	Position of water level
0 to 10			
10 to 20			
20 to 30			
30 to 40			
40 to 50			
50 to 60			
60 to 70			
70 to 80			
80 to 90			
90 to 100			

State whether the water level is flowing or not.
 If flowing, state the direction and force of flow.
 If not flowing, state the depth of the water level.
 Describe in general the character of the strata met with in drilling, and show the position of the water level in the well.



FILED FOR RECORD

March 29 1912

3 minutes past 9 o'clock
A M

HELEN L. LOVELE
 County Recorder

By Mary
 Deputy

25

T. 5N R. 2W

County Deer Lodge

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

RECEIVED
NOV 1 1960

STATE ENGINEER

Owner Robert A. Wright Address _____

Driller C. F. Froble Address Williams Fork

Anaconda Mont.

Date Started Oct. 19 1960 Date Completed Oct. 23 1960

Location: Sec. 30 T. 5N R. 2W 1/4 sec.

Type of well Drilled Equipment used Churn drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other: _____

Casing: 7' ft. to 55 ft. Type standard Size 6"

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations _____

Static Water level, for non-flowing well: 20 feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level: 41' feet at 15 gal. per min.

How tested: Failed

Length of test: 2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible][illegible]

GW.

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No. _____

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

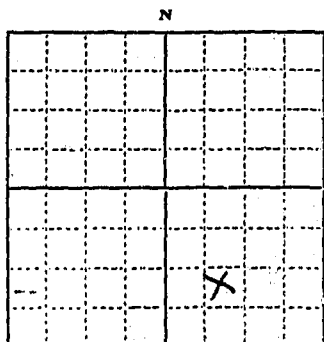
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Phillip Zamudio, of 202 Evans St. Anaconda
(Name of Appropriator) (Address) (Town)

County of Deer Lodge State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. 30 T. 5N R. 11W
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based House hold

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Oct 22 1960

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 75

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Water Lawn & Garden

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump
NEXT TO HOUSE

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Oct 19, 1960 - Oct 22, 1960

8. The depth of water table 41'

9. So far as it may be available, the type, size, and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled depth of 55 feet

10. The estimated amount of groundwater withdrawn each year 150,000

11. The log of formations encountered in the drilling of each well if available Sand gravel and Boulders
Sand gravel Boulders (smaller) Sand gravel Brown
gravel water bearing Sand & Gravel yellow Sand

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Phillip Zamudio

Date Jan 6, 1964

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

28850

81525

FILED FOR RECORD
at December 31/1963
44 minutes past 12 o'clock
P.M. ANNA QUIGLEY
County Recorder
By Mary M. Cannon
Deputy

OR

Approved Stock Form—State Publishing Co., Helena, Montana—0234

File No. _____

T. 5 R. 11

DUPLICATE

County Deep Lodge

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

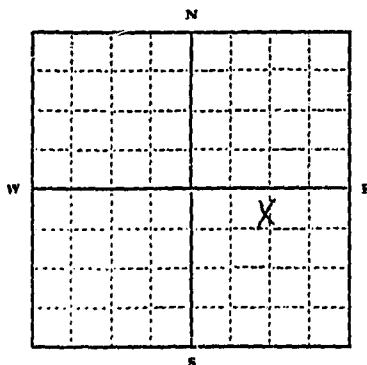
RECEIVED
FEB 7 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Ben Zimmerman of 914 Pothole St
(Name of Appropriator) (Address) (Town)
County of Deep Lodge State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 30 T. 5 R. 11

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Household LAWN & Garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Feb 28 1960
4. The amount of groundwater claimed (in miner's inches or gallons per minute) lead 15 gpm
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Lot 100ft X 150ft
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal SEARS 1/2 hp. Deep Well Jet Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater NOV 3 1959 NOV 13 1959
8. The depth of water table Static Level 21 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater DRIVEN WELL 3 IN STANDARD CASING Depth 42 ft
10. The estimated amount of groundwater withdrawn each year 365,000 gallon
11. The log of formations encountered in the drilling of each well if available SURFACE to 10 ft SAND & gravel open hole 10 ft to 42 ft SAND GRAVEL & Boulders
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Ben Zimmerman

Date March 3, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

34845

1000

1000

1000

1000

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FILED FOR RECORD

January 31 1964
minutes past 2 o'clock

P. M.

Anna Zingley

Clerk Recorder

By

Deputy

RECEIVED

FEB 5 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 5N R. 11W 30
County Deer Lodge

WATER WELL LOG

Owner Robert C. Crist Address #6 Fairview
Driller C. E. Wroble Address Anaconda, Mont.
Date Started October 17, 1957 Date Completed November 6,
Lot 6 - Jones Fairview Home Tracts
Location: Sec. T. R. R. 1/4 sec.

Type of well Churn Drilled Equipment used Churn drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: 4 ft. to 30 ft. Type Common Black Size 6"

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations: _____

Static Water level, for non-flowing well: _____ 24 feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date) _____

Pumping water level: _____ 268 feet at _____ 14 gal. per min.

How tested: Bailer checked

Length of test: 1 1/2 hr.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible]

19

Top soil

1'

34'

Sand gravel and boulders

RECEIVED

JUL 31 1958

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

STATE ENGINEER

WATER WELL LOG

Owner C. H. Ravery Address 202 Warren Valley Silver-Homes
 Driller J. E. Riddle Address Box 100
 Date Started June 22 1958 Date Completed June 24 1958
 Location: Sec. _____ T. _____ R. _____ 1/4 sec. _____

Type of well _____ Equipment used Chisum 1-1-1
(Dig, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
 Industrial ☐ Drainage ☐ Other: _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations _____

Static Water level, for non-flowing well: _____ 10' _____ feet

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level _____ feet at _____ 25 _____ gal. per min.

How tested: _____

Length of test _____

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

RECEIVED

JUL 31 1958

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

STATE ENGINEER

WATER WELL LOG

Owner C. H. Sawyer

Address 258 W. Main St.
Valley View Homes

Driller G. P. Noble

Address 100 W. 120
Amherst Ont.

Date Started June 28 1958

Date Completed June 30 1958

Location: Sec. _____ T. _____ R. _____ 1/4 sec. _____

Type of well _____

(Dig, driven, bored, or drilled)

Equipment used _____

(Cable drill, rotary, other)

Water use: Domestic ☒

Municipal ☐

Stock ☐

Irrigation ☐

Industrial ☐

Drainage ☐

Other: _____

Casing: current ft. to 30 ft.

Type standard

Size 4"

Casing: _____ ft. to _____ ft.

Type _____

Size _____

Casing: _____ ft. to _____ ft.

Type _____

Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations _____

Static Water level, for non-flowing well: _____ feet

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level: _____ feet at _____ gal. per min.

How tested: surge

Length of test: _____

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

[illegible]

Log of Well

[illegible]

RECEIVED

JUN 9 1959

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 5N R. 11W 30

County Deer Lodge

WATER WELL LOG

Owner Peter Rudonich Address Valley View Rd

Driller C. F. People Address Box 170

Anaconda Mont.

Date Started May 24 1959 Date Completed May 29 1959

Location: Sec. T R. 11 $\frac{1}{4}$ sec. 30

Type of well Drilled Equipment used Churn drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: S. 5' ft. to 43' ft. Type Standard Size #

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. 37 to ft. 43 Ft. _____ to ft. _____

Type of screen or perforations: _____

Static Water level, for non-flowing well: 23 feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level: 36 feet at 10 gal. per min.

How tested: ailer

Length of test: 1 1/2 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

21197

[illegible]

RECEIVED

MAY 23 1959

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

Owner.....James Giulio.....Address 424 Birch

Driller.....C. F. Froble.....Address Box 170

Date Started July 6 1959.....Anacosta Mont.
Date Completed July 9 1959

Location: Sec.....T.....R.....Lot 7 Block 6,
Valley View Homes

Type of well.....Drilled.....Equipment used.....Churn drill
(Pneum. driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other:.....

Casing: Surface.....ft. to.....55.....ft. Type Standard Size 4"

Casing:.....ft. to.....ft. Type.....Size.....

Casing:.....ft. to.....ft. Type.....Size.....

Perforated or Screened: Ft.....to ft.....Ft.....to ft.....

Type of screen or perforations.....

Static Water level, for non-flowing well: 21'.....feet.

Shut-in pressure, for flowing well:.....lb./sq. in. on:.....(date)

Pumping water level.....42'.....feet at 20.....gal. per min.....

How tested:.....Compressor.....

Length of test.....no. hour.....

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible]

Figure 1

T. 5N R. 11W 30
County Deer Lodge

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUL 16 1961

WATER WELL LOG

STATE ENGINEER

Owner James Giulio Address Valley View Homes
Anaconda Mont.
Driller C.F. Wroble Address Millcreek RD #1
Anaconda Mont.
Date Started July 4 1960 Date Completed July 8 1961
Lot 33 Blk. 11, Valley View Homes, Deer Lodge County, Mont.
Location: SEC. 7 T. 5N R. 11W

Type of well Churn Drilled Equipment used Churn drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: #####3 ft. to 36 1/2 ft. Type Standard Size 6"

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations: _____

Static Water level, for non-flowing well: 13 feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level: 30 feet at 10 gal. per min.

How tested: Failed

Length of test: 1 1/2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible]

5.9.2006, 15

30

T. 5N R. 11W
County Deer Lodge

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
1957

WATER WELL LOG

STATE ENGINEER

Owner William H. Green Address Orinda, Mont.
Driller C. F. Wroble Address Box 171 Orinda, Mont.
Date Started June 29, 1957 Date Completed June 30, 1957
Location: Sec. 23 T. 5N R. 11W $\frac{1}{4}$ sec. NE 1/4

Type of well Drilled Equipment used Churn drill
(Dig, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: Surface ft. to 30 ft. Type Cement Size 6"
Casing: _____ ft. to _____ ft. Type _____ Size _____
Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations _____

Static Water level, for non-flowing well: 16 ft.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level 20 feet at 6 gal. per min.

How tested: Pump

Length of test 3.0 min

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible]

2/5	17/4	B...
-----	------	------

28ft	30ft	Water bearing sand + gravel
------	------	-----------------------------

Depth, feet		Description of Material Drilled
From	To	

Surface	2 ft	Top soil
2 ft	17 ft	Blue clay
17 ft	28 ft	Light porous sand + gravel
28 ft	30 ft	Water bearing sand + gravel

RECEIVED

NOV 2 1958

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

Owner: Thos. Hanson Address: Valley View Homes
 Driller: C. F. Wroble Address: PO Box 179
Anaconda Mont.
 Date Started: October 8 1958 Date Completed: Oct. 12 1958
 Lot 29-Block 11-Valley View Homes
 Location: SE 1/4 T. 1 R. 11 S. 14 sec.

Type of well: Drilled Equipment used: CHURN
(Dig, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
 Industrial ☐ Drainage ☐ Other: _____

Casing: Surface ft. to 35 ft. Type: Standard Size: 5"

Casing: _____ ft. to _____ ft. Type: _____ Size: _____

Casing: _____ ft. to _____ ft. Type: _____ Size: _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations: _____

Static Water level, for non-flowing well: _____ 10 feet.

Shut-in pressure, for flowing well: _____ lb. sq. in. on: _____ (date)

Pumping water level: 21' feet at 15 gal. per min.

How tested: Pumped

Length of test: One hour

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible]

Surface

26 t

Sand gravel and boulders

26.

351

Water bearing sand and gravel

RECEIVED

NOV 28 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

T. 5N R. 11W

30

County Deer Lodge

Owner Paul Kovacich Address

Driller C. E. Wroble Address PO Box 170
Anaconda Mont.

Date Started Sept. 9 1958 Date Completed Sept. 10 1958

Location: Lot 19-Block 8-Valley View Homes
T. R. 1/4 sec.

Type of well Drilled Equipment used Churn drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other:

Casing: 8 ft. to 32 ft. Type Standard Size 5"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. to ft. Ft. to ft.

Type of screen or perforations

Static Water level, for non-flowing well: 16 feet

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level: 19 feet at 20 gal. per min.

How tested: Pumped

Length of test: 2 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

[illegible]

T. 3N R. 21W

County Deer Lodge

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
NOV 10 1961

WATER WELL LOG

STATE ENGINEER

Owner John F. House Address Lot 20 Blk 7 Valley View Homes

Driller C. E. Froble Address Hillcreek RD #1

Anaconda Montana

Date Started Nov. 3, 1960 Date Completed Nov. 17, 1960

Location: Sec. Lot 20 Blk 7 Valley View Homes T. 3N R. 21W 1/4 sec.

Type of well Drilled Equipment used Churn drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other: _____

Casing: Surface ft. to 37 ft. Type 1 1/2" Size 6"

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations: _____

Static Water level, for non-flowing well: 25' feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level 25' feet at 20 gal. per min.

How tested: Bailed

Length of test 1 1/2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible]

~~FILED FOR RECORD~~

at 30 minutes past 1 o'clock
P. M. ANNA QUIGLEY

ANNA OUGLEY

County Rochester

Details

RECEIVED
MAY 13 1958

T5N R11W 30
Lot 4 Blk 11 Valley View Homes

County Deer Lodge

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner M. B. McDonald Address Anaconda Mont.

Driller C. F. Wroble Address PO Box 170 Anaconda Mont.

Date Started April 23 1958 Date Completed April 24 1958

Location Lot 4 Blk 11 R Valley View Homes 1/4 sec

Type of well Drilled Equipment used Churn drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 5.1 ft. to 34 ft. Type Standard Size 6"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. to ft. Ft. to ft.

Type of screen or perforations

Static Water level, for non-flowing well: feet

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level: 24.1 feet at 20 gal. per min.

How tested: Drill tested

Length of test: one hour

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible]

6-20-2017

RECEIVED

JUN 2 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Robert Hers Address: 624 1/2 W 4th
Carrollton Mont.
Driller: C. F. Wroble Address: Anaconda Mont.
Date Started: July 24, 1957 Date Completed: July 29, 1957
Location: Sec. _____ T. _____ R. _____ 1/4 sec. Valley View Homes

Type of well: drilled (Dug, driven, bored, or drilled) Equipment used: Churn drill (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other: _____

Casing: 5 ft. to 59 ft. Type: Common black Size: 6"

Casing: _____ ft. to _____ ft. Type: _____ Size: _____

Casing: _____ ft. to _____ ft. Type: _____ Size: _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations: _____

Static Water level, for non-flowing well: _____ feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level: 40 feet at 15 gal. per min.

How tested: Bail checked

Length of test: 1 1/2 hr.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible][illegible]

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DEC 1 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 5N R. 11W ³⁰
County Deer Lodge

WATER WELL LOG

Owner Ray Bjarnason Address _____
Driller _____ Address _____
Date Started June 5 1958 Date Completed June 5 1958
Location: Lot 2 Blk. 10 Valley View Homes

Type of well _____ Equipment used _____
(Dig, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations _____

Static Water level, for non-flowing well: _____ feet

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level: _____ feet at _____ gal. per min.

How tested: _____

Length of test: _____

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

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DEC 2 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

WATER WELL LOG

Owner: Ray Bjarnason Address: _____
Driller: C.F. Probst Address: Box 170
Date Started: JUN 5 1958 Date Completed: JUN 20 1958
Location: Lot 2 Sec 10 Valley View Homes

Type of well: DRILLED (driven, bored, or drilled) Equipment used: Hydraulic (Cable tool, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: Surf to 22' ft. to 22' ft. Type: Standard Size: 6"
Casing: _____ ft. to _____ ft. Type: _____ Size: _____
Casing: _____ ft. to _____ ft. Type: _____ Size: _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations: _____

Static Water level, for non-flowing well: _____ feet

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level: _____ feet at _____ gal. per min.

How tested: 241-d

Length of test: 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible]

JUSTICE

1

100

1

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CONFIDENTIAL

[illegible]

Buttress

1

TOP SECRET

19

32

~~SAND GRAVEL AND SOILS~~

RECEIVED

FEB 17 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 5N R. 11W 30
County Deer Lodge

WATER WELL LOG

Owner: Nick Charney Address: Anaconda Mont
Driller: C F Wroble P.O. Box 170
Address: Anaconda Mont.
Date Started: Nov 11, 1957 Date Completed: Nov 17, 1957
Location: Sec. Blue Lot 5 Valley View Homes
T. 5N R. 11W $\frac{1}{4}$ sec.

Type of well: Drilled Equipment used: Churn Drilled
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: Surface ft. to 31 ft. Type Common black Size 6 in.

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations: _____

Static Water level, for non-flowing well: ##### 24 feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level: 26 feet at 16 gal. per min.

How tested: Bailer Tested

Length of test: One hour

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

[illegible]

T. 5N R. 11W 30

County Deer Lodge

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Richard Davenport Address _____

Driller C. F. Wroble Address PO Box 170
Anaconda Mont.

Date Started July 25, 1958 Date Completed July 31, 1958

Location: Sec. T5N R11W 1/4 sec. Lot 14-Blk 12-Valley View Homes

Type of well Drilled Equipment used Churn drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: 5' ft. to 32' ft. Type Standard Size 6"

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations: _____

Static Water level, for non-flowing well: _____ feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level: 24' feet at 24 gal. per min.

How tested: bailer tested

Length of test: 1 1/2 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible]

I

Top Soil

24

~~Sand gravel and boulders~~

32

~~water bearing sand and gravel~~

RECEIVED

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 3N R. 11W

County Deer Lodge

30

WATER WELL LOG

Owner James I Davis Address Valley View
Driller C. F. Froble Address P.O. Box 170
Anaconda Montana
Date Started May 4 1960 Date Completed May 4 1960
Location: Sec. Lot Eleven (11) Block Ten (10)
T. R. 1/4 sec.

Type of well Drilled Equipment used Churn drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other:

Casing: 11 ft. to 35 ft. Type Standard Size 6"
Casing: ft. to ft. Type Size
Casing: ft. to ft. Type Size

Perforated or Screened: Ft. to ft. Ft. to ft.

Type of screen or perforations

Static Water level, for non-flowing well: 27 feet

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level: 29 feet at 12 gal. per min.

How tested: Bailed

Length of test: 1 hour

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Depth, feet		Description of Material Drilled
From	To	
Surface	17'	Open hole
17'	26'	Sand gravel and boulders
26'	34'	Water bearing sand and gravel

FILED FOR RECORD

64-21 1945

minutes past 10 o'clock

M. A. BIA

Chief and Recorder

Deer Lodge, Mont. Record

By: *[Signature]*

Deputy

74153

FILED FOR RECORD

10

minutes past 0'clock

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Deer Lodge, Mont. 10/20/06

2

27

6

1

RECEIVED
SEP 24 1957

T. 5N R. 11W 30
County... Deer Lodge

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Verle Dickman 722 E. Park Apt. 3
Address Anaconda Mont.
Driller C.F. Wreble P.O. Box 170
Address Anaconda, Mont.
Date Started Sept. 7, 1957 Date Completed Sept. 11, 1957
Location: Sec 17 Block 7 Valley View Homes
T. 5N R. 11W 30

Type of well Drilled Equipment used Churn drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other:

Casing: Surface ft. to 32' ft. Type common black Size 6"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. to ft. Ft. to ft.

Type of screen or perforations

Static Water level, for non-flowing well: 25 feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level: 24' feet at 15 gal. per min.
bailer

How tested:

Length of test: 1 1/2 hr.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible][illegible]

RECEIVED

MAR 3 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 34 R. 11 W. 30
County: Deer Lodge

WATER WELL LOG

Owner: Joseph L. Donahue Address: P.O. Box 170
Driller: G. H. Winkle Address: Anaconda, Mont.
Date Started: Feb. 1, 1953 Date Completed: Feb. 23, 1953
Location: Lot 18 Blk. 12 Valley View Homes
Location: Sec. T. R. 1/2 sec.

Type of well: Drilled (Dug, driven, bored, or drilled) Equipment used: Churn drill (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: surface ft. to 4 ft. Type: COMMON PIPE Size: 6"

Casing: ft. to ft. Type: Size:

Casing: ft. to ft. Type: Size:

Perforated or Screened: Ft. to ft. Ft. to ft.

Type of screen or perforations:

Static Water level, for non-flowing well: 21 ft. feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level: 27 ft. feet at 15 gal. per min.

How tested: 20 min.

Length of test: 20 min.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

[illegible]

T. 5N R. 11W 30

RECEIVED

County Deer Lodge

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

Owner Walter Donich Address Valley View Homes

Driller C. F. Wroble Address P.O. Box 170
Whitcomb Mont.

Date Started Sept. 24 1957 Date Completed Sept. 30 1957

Location: Sec. _____ T. _____ R. _____ 1/4 sec. _____

Type of well Drilled Equipment used Churn drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: Surface ft. to 47' ft. Type COMMON black Size 6"

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations _____

Static Water level, for non-flowing well: 29' feet

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level: 37' feet at 16 gal. per min.

How tested: Bailed

Length of test: 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Log of Well

[illegible]

RECEIVED
MAY 15 1958

T. 5N R. 11W

County: Deer Lodge

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: William Fairweather Address: P.O. Box 137
Driller: C.F. Groble Address: P.O. Box 170
Date Started: April 27, 1958 Date Completed: April 30, 1958
Location: Lot 13 Blk. 11 Valley View Homes

Type of well: (Drill, driven, bored, or drilled) Equipment used: Churn drill (rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other:

Casing: 5' ft. to 24' ft. Type: STANDARD Size: 6"
Casing: ft. to ft. Type: Size:
Casing: ft. to ft. Type: Size:

Perforated or Screened: Ft. to Ft. to ft.

Type of screen or perforations:

Static Water level, for non-flowing well: 22' feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level: 24' feet at 24 gal. per min.

How tested: Self-tested

Length of test: one hour

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

RECEIVED
MAY 13 1958

T. 5N R. 11W
County Deer Lodge

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner William Fairweather

Address P.O. Box 127

Driller C.F. Froble

Address P.O. Box 170
Anaconda Mont.

Date Started April 27 1958

Date Completed April 30 1958

Location: Sec 13 T. 5N R. 11W Valley View Homes

Type of well Drilled Equipment used Churn drill, rotary, other

Water use: Domestic

Municipal

Stock

Irrigation

Industrial

Drainage

Other:

Casing: 8' ft. to 14' ft.

Type STANDARD

Size 6"

Casing: ft. to ft.

Type

Size

Casing: ft. to ft.

Type

Size

Perforated or Screened: Ft. to ft. Ft. to ft.

Type of screen or perforations

Static Water level, for non-flowing well: 22' feet

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level: 24' feet at 24 gal. per min.

How tested: Bail tested

Length of test: one hour

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible][illegible]

Log of Well

[illegible]

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NOV 15 1957

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

WATER WELL LOG

Owner George Molas

Address

511 1/2 W. Commercial
Butte, Montana

Driller C. F. Winkler

Address

Commercial
Butte, Montana

Date Started

Date Completed

Location: Sec. 21 Block 8

R.

1/4 sec.

Year 1956

Type of well

Drilled

(Dug, driven, bored, or drilled)

Equipment used

Churn Drill

(Churn drill, rotary, other)

Water use: Domestic

☒

Municipal

☐

Stock

☐

Irrigation

☐

Industrial

☐

Drainage

☐

Other:

Casing:

6 ft. to

53 ft.

Type

Common Pipe Size 6"

Casing:

ft. to

ft.

Type

Size

Casing:

ft. to

ft.

Type

Size

Perforated or Screened: Ft.

to ft.

Ft.

to ft.

Type of screen or perforations

Static Water level, for non-flowing well:

14

feet.

Shut-in pressure, for flowing well:

lb./sq. in. on:

(date)

Pumping water level

47

feet at

6

gal. per min.

How tested:

2 1/2 hr.

Length of test

2 1/2 hr.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

NOV 15 1957

Butte, Montana

WATER WELL LOG

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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Driller C F Wroble Address Chicoma Y.F.M.

Location: Sec. 21 Block 8 4 miles Y from Home
R. 1/2 sec. 1

Type of well Drilled Equipment used Churn drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other:.....

Casing: 6 ft. to 53 ft. Type: Common Plastic 6"

Casing:.....ft. to.....ft. Type..... Size.....

Casing:.....ft. to.....ft. Type.....Size.....

Perforated or Screened: Ft..... to ft..... Ft..... to ft.....

Type of screen or perforations.....

Static Water level, for non-flowing well:.....14.....fe

Shut-in pressure, for flowing well:.....lb./sq. in. on:..... (date)

Pumping water level.....47 feet at.....60 gal. per min.....

How tested: Boiler check

Length of test..... 2 1/2 hr.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Depth, feet		Description of Material Drilled
From	To	
Surface	1 1/2 ft	top soil
1 1/2 ft	6 1/2 ft	boulders sand & gravel
6 1/2 ft	15 3/4 ft	Coarse gravel
5 1/4 ft	53 ft	sand & gravel (Water bearing)

Surface	1' 2" ft	top soil
1' 2" ft	6' 2" ft	boulders sand & gravel
6' 2" ft	5' 3" ft	Coarse gravel
5' 1" ft	5' 3" ft	sand & gravel (Water bearing)

RECEIVED

JUL 10 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner George Massett Address Valley View Homes
Driller C. E. Winkle Address PO Box 120
Anaconda Mont.
Date Started June 28 1953 Date Completed July 1 1953
Location: Lot 31 - BLK. 10 - VALLEY VIEW HOMES
Sec. 2 T. 3N R. 11W 1/4 sec

Type of well Drilled Equipment used Churn drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: Surface ft. to 25' ft. Type Standard Size 6"

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations: _____

Static Water level, for non-flowing well: _____ 13' feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level: _____ 14' feet at _____ 25 gal. per min.

How tested: Perched

Length of test: 2 hr.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

RECEIVED
JUL 10 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner George Massatt

Address Valley View Homes

Driller J. E. Krable

Address Box 170
Anaconda Mont.

Date Started June 28 1948

Date Completed July 1 1958

Location: Sec 2 2 1/4
Lot 31 - BLK. 10 - VALLEY VIEW HOMES

Type of well Drilled
(Dug, driven, bored, or drilled)

Equipment used Churn drill
(Churn drill, rotary, other)

Water use: Domestic ☒

Municipal ☐

Stock ☐

Irrigation ☐

Industrial ☐

Drainage ☐

Other: _____

Casing: Surface ft. to 25' ft.

Type Standard Size 6"

Casing: _____ ft. to _____ ft.

Type _____ Size _____

Casing: _____ ft. to _____ ft.

Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations _____

Static Water level, for non-flowing well: _____ feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level: 14' feet at 25 gal. per min.

How tested: Pumped

Length of test: 2 hr.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

[illegible]

T. 5N R. 11W 30
County Deer Lodge

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUL 31 1957

WATER WELL LOG

STATE ENGINEER

Owner Charles H. Roehl Address 120 Cedar Park Homes
Driller C. F. W. Woble Address Anaconda Mont.
Date Started July 12, 1957 Date Completed July 16, 1957
Location: Lot 17 Block 1 Sec. 4 Valley View Home Tracts

Type of well Drilled Equipment used Churn drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other: _____

Casing: Surface ft. to 50 ft. Type Common black Size 6"

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. none to ft. _____ to ft. _____

Type of screen or perforations none

Static Water level, for non-flowing well: 24 ft feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level 24 feet at 16 gal. per min.

How tested: hauler checked

Length of test 1 1/2 hr.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible]

Surface	1 ft	top Soil
1 ft	2 7/8	Granite boulders
2 7/8	2 7/8	loose sand and gravel some boulders
3 7/8	4 9/16	Clay with some sand and gravel
4 7/8	5 5/8	Water bearing loose Clean Gravel

RECEIVED

JUN 9 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Charles A. Tescher Address: Valley View Homes
Anaconda, Mont.
Driller: C. J. Noble Address: Box 170
Anaconda, Mont.
Date Started: March 14 1958 Date Completed: Mar. 21 1958
Location: Sec. Lot 5 - Blk 6 Valley View Homes
T. R. 1/4 sec.

Type of well: Drilled Equipment used: Churn drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: Surface ft. to 4 ft. Type: common black Size: 4"

Casing: ft. to ft. Type: Size:

Casing: ft. to ft. Type: Size:

Perforated or Screened: Ft. to ft. Ft. to ft.

Type of screen or perforations:

Static Water level, for non-flowing well: 25 feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level: 17 feet at 24 gal. per min.

How tested: Bailor tested

Length of test: One hour

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible]

— ५४ —

५५

27'

42

—24—

27

48

—

~~Gravel and boulders~~

~~Sand and water bearing gravel~~

Sand and gravel with clay

~~Clean water bearing gravel~~

RECEIVED
SEP 18 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Edward Whaley Address 228 Powell
Driller C. F. Noble Address 20 Box 170
Anaconda Mont
Date Started July 23 1958 Date Completed July 26 1958
Location: Sec T R R 11 W $\frac{1}{4}$ sec. Lot 15 - BLK 12 - Valley View Homes

Type of well Drilled Equipment used Churn drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: 6' ft. to 33' ft. Type Standard Size 6"

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations _____

Static Water level, for non-flowing well: _____ 20' _____ feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level: 23 feet at 20 gal. per min.

How tested: Bailer tested

Length of test: 1 1/2 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible]

Surface	1'	Top soil
1'	24'	sand gravel and boulders
24'	43'	water containing silt and gravel

[illegible][illegible]

RECEIVED

SEP 26 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: John Zucco Address: Valley View Homes

Driller: Address:

Date Started: Date Completed:

Location: Sec. T. R. 1/4 sec. Lot 25-Block 9-Valley View Homes

Type of well: (Dig, driven, bored, or drilled) Equipment used: (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other:

Casing: ft. to ft. Type: Size:

Casing: ft. to ft. Type: Size:

Casing: ft. to ft. Type: Size:

Perforated or Screened: Ft. to ft. Ft. to ft.

Type of screen or perforations:

Static Water level, for non-flowing well: feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level: feet at 25 gal. per min.

How tested:

Length of test: 1/2 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

RECEIVED

SEP 26 1958 MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

STATE ENGINEER

WATER WELL LOG

County Butte Lodge

Owner John Zucco

Address Valley View Homes

Driller ...

Address ...

Date Started July 1958

Date Completed July 14 1958

Location: Sec. 25 Block 9 Valley View Homes

T. ... R. ... 1/4 sec. ...

Type of well

(Dig, driven, bored, or drilled)

Equipment used Clare drill

(Cable drill, rotary, other)

Water use: Domestic ☒

Municipal ☐

Stock ☐

Irrigation ☐

Industrial ☐

Drainage ☐

Other: ...

Casing: Surface ft. to 33 ft.

Type ... Size 2"

Casing: ... ft. to ... ft.

Type ... Size ...

Casing: ... ft. to ... ft.

Type ... Size ...

Perforated or Screened: Ft. ... to ft. ... Ft. ... to ft. ...

Type of screen or perforations ...

Static Water level, for non-flowing well: ... feet

Shut-in pressure, for flowing well: ... lb./sq. in. on: ... (date)

Pumping water level 25 feet at 25 gal. per min.

How tested: purge

Length of test 1 1/2 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

[illegible][illegible]

Log of Well

[illegible]